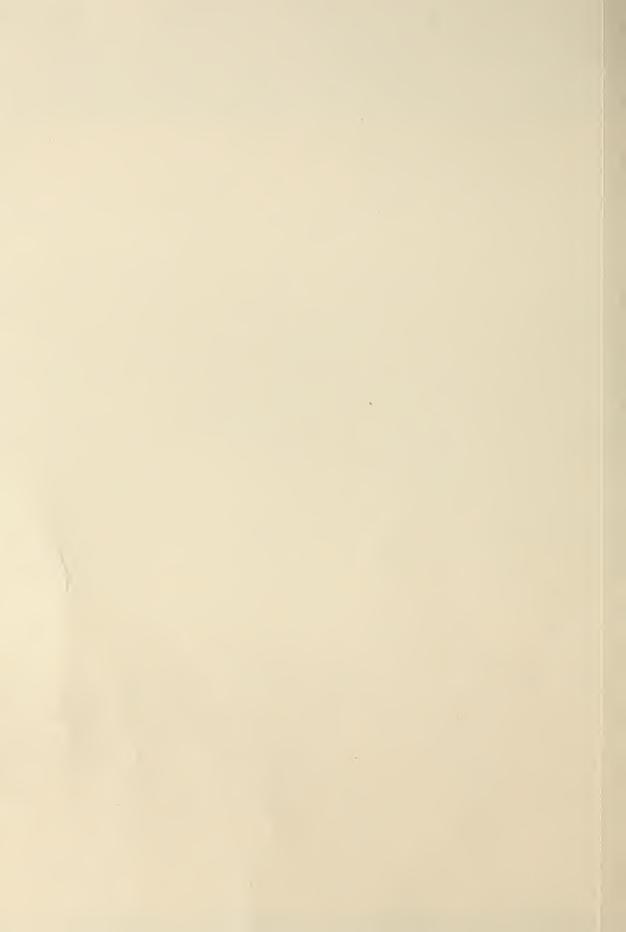
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1924

Thorburn's Seeds

TO YOU OUR CUSTOMERS, PAST, PRESENT and FUTURE

The hackneyed and usual procedure of describing the progress of a business of long standing is by graphic illustrations of its various domiciles. The first picture generally shows a building of most modest dimensions and is labeled as the birthplace of the firm. Its continued growth is indicated by the increasing size of the structures until the present is reached, showing a plant that appears to cover half of the area of the Empire State.

The House of Thorburn succumbed to this vanity a few years ago, persuading itself that the general public is only favorably impressed by apparent success.

In truth, the life of an enduring business is very similar to the average life of man. Each in turn has its periods of success, failure and trial. All these have been the lot of Thorburn's in its one hundred and twenty-two years of existence.

In 1918 the hand that had guided its destinies for sixty-two years was stricken by death. The loss of its President, Mr. F. W. Bruggerhof, was indeed a sad one. Under his management "Thorburn's Seeds" became famous not only nationally, but in every country in the world. Hundreds of thousands of acres of forests in Europe and America have been planted with Thorburn's Seeds, not to mention Thorburn's main line, Vegetable and Flower Seeds. There is hardly a mail route on this earth that has not borne Thorburn products to its uttermost limits. In successfully extending and developing this firm's trade, Mr. Bruggerhof proved a worthy successor to its founder, Grant Thorburn.

Not alone in enterprise and vision were his qualities displayed, but in integrity, conscientious service and absolute fair dealing; his character stands without a stain and has inspired the personnel of this company with a spirit of emulation.

Unfortunately, at his death, which coincided with one of the most trying times ever experienced by the Seed Trade, the control passed to others, who, although sincere and able men, had larger interests in other fields of endeavor.

To-day, however, the House of Thorburn again stands alone—reorganized, re-equipped and, we believe, in a better position to serve its customers than ever before.



The trade-mark adopted in 1832, although representing the firm name of that period, "Grant Thorburn & Son," could very well stand then, as it does to-day, for THORBURN'S GOOD SEEDS. This ideal of Quality will continue.

We bespeak of our Old Customers their continued patronage and thank them for their loyalty in the past.

To our New and Prospective Customers we will but say that if they believe trained knowledge, ability and ample resources, coupled with a just pride in an unblemished reputation of more than one hundred years, merit a trial, we bespeak that trial.

J. M. THORBURN & CO.

J. M. THORBURN & CO.

ESTABLISHED 1802

Executive Offices—

46 West Broadway

STORES Downtown: 87 Barclay Street Uptown: 650 West 125th St.

Telephones
9823 Barclay
9783 Barclay
7231 Morningside

NEW YORK, N.Y.

THIS CATALOG

should reach the majority of its readers during the lengthening days of late winter, when their minds are turning toward the coming spring with its concomitants of sunshine and garden activities.

It has always appeared to us that it was little short of a crime and an insult to the good taste of true garden lovers to edit a catalog in a flamboyant, redundant, circus-poster style.

We have, therefore, studiously refrained from exaggerated descriptions and egotistic claims.

Our descriptions of varieties are the result of painstaking observation and careful editing.

We have endeavored to make the arrangement of the matter such that it will be practically unnecessary to refer to the index and have not given undue prominence to those articles we desire to especially recommend.

In the past the Thorburn Catalog has been criticised by our competitors as being a Handbook of valuable Agricultural and Horticultural information, rather than a selling instrument. Every year, well in advance of its issue, we receive hundreds of requests from the personnel of the various Departments of Agriculture, Colleges and Agricultural Schools requesting us not to forget them in our catalog distribution.

We regret that the greatly increased cost of paper and printing has forced us to eliminate much informative matter from this issue. We have also curtailed somewhat our cultural directions, but we have them all printed separately. They are yours for the asking; some of them are literature. If you do not credit that a classic can be written on the growing of an Onion, write us and we will let you be the judge.

Our printing is clear, our type bold, our paper good, our book light in weight and heavy in good things. Draw up your chair, settle down for a pleasant evening—read on—My1 it's 12 o'clock already——

Cultural Directions.

These apply generally to the climate of the East and Middle States. For more northern and southern localities the necessary changes in time of sowing, etc., will readily suggest themselves.

Warranties. Seeds of best quality will sometimes fail through improper treatment. Thus, a small seed may be sown so deeply that the young plant cannot mation than from inferiority of the seeds used.

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

J. M. THORBURN & CO.

READ CAREFULLY

We Deliver Free all Flower and Vegetable Seeds by the packet, ounce, 1/4 pound or pound anywhere in the United States by Parcel Post, Express or Freight at our option; also some other items as specifically mentioned in body of Catalog. All other articles are strictly net, transportation charges not included.

Goods by Mail or Express. If wanted by mail in the United States, add below, except for goods subject to free transportation, as above. In view of the greater safety, it will be found best to send parcels of 15 pounds or over by express, as packages are apt to get crushed in the mail. Seeds can be sent C.O.D. when 25 per cent. of the amount is remitted with other parters. amount is remitted with order. Potatoes, onion sets, or other perishable articles, fertilizers or insecticides cannot be sent C.O.D.

	Parcel Post Zone Rates UNITED STATES	·1st lb.	Additional lb. or
Zone	Within	or fraction	fraction
1st	50 miles of New York City	\$0 05	\$0 01
2d	50 to 150 miles of New York City	05	01
3d	150 to 300 miles of New York City	06	02
4th	300 to 600 miles of New York City	07	04
5th	600 to 1,000 miles of New York City	08	06
6th	1,000 to 1,400 miles of New York City		08
7th	1,400 to 1,800 miles of New York City		10
8th	1,800 and over miles of New York City	12	12

Maximum weight, 70 pounds to 1st, 2d and 3d Zones and 50 pounds from the 4th Zone upward. Postage to Canada 12 cents per pound, or fraction thereof; maximum weight, 4 pounds 6 ounces.

Orders should be written on our order sheet or on a blank sheet separate Orders. directed to the firm and not to individuals. Orders from new customers should be accompanied by Cash, Stamps, Money Order or Check.

The prices quoted are net, and subject to change without notice, some items having a tendency to fluctuate in accordance with crop conditions, etc.

Name, Address, Etc. We beg our correspondents to give us on each order the correct name and address; also to indicate very precisely the means of carriage which they prefer, mail, express or freight, and the office or railroad station which best serves their locality. In case these directions are not followed out, we shall of course choose the most advantageous and convenient mode of shipment.

PLANTING CALENDAR Eastern and Middle States

FEBRUARY Sow In hotbed Artichoke Early Cabbage Early Cauliflower Celery Eggplant Leek Onion Parsley Pepper Radish

MARCH Sow In hotbed All seeds mentioned in February table and Kohirabi Early Beets

APRIL Sow in hotbed All seeds mentioned in February and March tables, also the following: Asparagus Cucumber

Melan Plant Outdoors Asparagus Roots Beets Early Cabbage Carrot Early Cauliflower

Celery Cress Kohlrabi Lettuce Mustard Onion Seed Onion Sets Parsley Parsnips Peas Potato Radish Rhubarb Roots Spinach Swiss Chard Salsify Turnins

Set out plants of Early Cabbage Early Lettuce Early Cauliflower Early Beets Onion

MAY Plant Outdoors

Artichoke Asparagus **Bush Beans** Lima Beans Beets Carrot Cauliflower Celery Sweet Corn Cucumber Kohlrabl

Leek

Lettuce Melon Onion Parsley Peas Radish Salsify Spinach Swiss Chard Herbs Okra Pumpkin Squash Brussels Sprouts Late Cabbage Late Cauliflower Endive Rutabaga Kale

Set out plants of Early Cabbage Lettuce Early Cauliflower Eggplant Peppers Kohlrabl Onion Tomato

JUNE Plant Outdoors **Bush Beans** Lima Beans Beets **Brussels Sprouts** ate Cabbage Carrot

Late Cauliflower Sweet Corn Cucumber Endive Kale Kohlrabl Lettuce Melon Okra Peas Pumpkin Radish Salsify Swiss Chard Squash Herbs

Set out plants of Celery Eggplant Peppers Tomato

JULY Plant outdoors Beans Beets Carrot Sweet Corn Corn Salad

Cress Cucumber Endive Kale Kohlrabi Lettuce Okra Early Peas, for late

Pumpkin Radish Squash Rutabaga

Set out plants of Celery Late Cabbage Late Cauliflower Endive **Brussels Sprouts** Rutabaga

AUGUST Plant outdoors Bush Beans Corn Salad

Cress Endive Lettuce Early Dwarf Peas, for late crop Radish Spinach

Set out plants of Kale Endive Rutabaga

SEPTEMBER Plant outdoors Corn Salad Lettuce, Simpson Radish Splnach



Please notice that we pay postage, express or freight charges at our option on all garden seeds ordered by the packet, ounce, quarter-pound and pound. If larger quantities are ordered to be sent by mail, add postage at zone rates. See top of page 4.

Artichaut Articiocca

ARTICHOKE

Alcachofa Karczochy

Pkt. Oz. ¼1b.

> Asperges Sparagio

ASPARAGUS

Esparrago Szparagi

Asparagus from seed does not always come true to name.

Packets, 10c.



Martha Washington Asparagus

	OZ.	7410.	LD.
Colossal. The approved standard sort170	\$0.15	\$0.35	\$1.25
Palmetto. Of southern origin; a very desirable bright green Asparagus180	.15	.35	1.00
Giant Argenteuil. Popular variety in France; similar to Colossal, but larger stalks210	.15	.35	1.00
		100	1000
ROOTS—Colossal. Extra selected large roots Palmetto. Strong roots		\$3.50 2.50	\$30.00 20.00

ASPARAGUS, MARTHA WASHINGTON

THE NEW PEDIGREED RUSTPROOF ASPARAGUS

Originated and developed by the U. S. Department of Agriculture, who recommend its exclusive use.

Fast growing, exceedingly tender, flavor excellent, and resists the deadly "Asparagus Rust" that has killed thousands of acres of Asparagus in the United States in the last 20 years.

ROOIS	Doz.	100	1000
Extra Large, 10 to 18 inches long	\$0.85	\$5.00	\$40.00
	.60	3.50	30.00

Pkt. Oz. ¼1b. Lb. \$0.10 \$0.35 \$1.25 \$4.00

BEANS

CULTURE.—About the 1st of May, if the ground is perfectly warm, select a warm, dry sheltered spot, any good soil, preferably a moist, deep loam, not over-rich in nitrogen, dig and manure very slightly; make drills 2 inches deep and 18 inches to 2 feet apart; drop the Beans 3 inches apart in the drills and cover not more than 2 inches deep. Hoe well in dry weather to keep down the weeds. Sow every two weeks up to about August 1, for a succession. Two pounds (1 quart) to 100 feet of drill; 1 to 1½ bushels (60 to 90 pounds) to the acre, in drills. For quick results, soak the seeds before planting. To avoid disease and pests, all rubbish and old plants should be burned, and the seed sown on clean ground.

DWARF GREEN-PODDED SNAP BEANS

Frijoles FasolaBohnen Haricots Nains Fagiuoli

Packets 10c each. 1/2-lb. Packets 25c. each, except where otherwise noted



Magpie Bean Refugee Late, or 1,000 to

		1 lb.	2 lbs.	5 lbs.
	Bountiful. One of the best green-pod			
A L A	sorts; extra early, very prolific and			
	long-bearing; long, broad, flat green			
		\$0.30	\$0.55	\$1.25
	pods, tender and stringless310	\$0.50	φυ. Σ	φ1.23
	Magpie. A remarkably fine Dwarf Bean			
	for forcing or outside. By re-select-			
M. M. A. M. B. B. M. B.	ing for some years, it has become			
	reliable in all seasons, producing			
打V X 经 人生显著 新 经 多 多 6 1 1	heavy crops of long, large, superior			
HANS A LEASE TO THE STATE OF TH	pods when other varieties are dam-			
DAN 事業發展 1 日 1007		.65	1.10	2.50
	aged or fail. Pkt. 15c. 1/2 lb. 35c. 307	.05	1.10	2.50
	Sunrise. A novelty of great value, for			
	forcing or early garden culture. Very			
	early. Pkt. 15c303	.50	.90	2.00
	Dwarf Horticultural. Late and produc-			
	tive; broad, flat stringless pods320	.50	.90	2.00
	Green-seeded Flageolet. Only used as a		.,,	
	"Shell Bean" when green. Beans			
		.50	.95	2.35
	tender and of fine flavor370	.50	.90	2.55
	Marvel of Paris. Long, slender, flat pods;			
Magpie Bean	early; very productive; very tender,			
magple bean	brittle, fine-grained, of excellent			
	quality410	.50	.95	2.35
Refugee Late, or 1,000 to 1	. Medium to late; very productive and			
tender: long green, roun	d pods of exquisite flavor440	.35	.65	1.55
	ly. Has all the superior qualities of the	.,,		
	fully two weeks earlier in podding. Pods			
		.35	.65	1.55
	a fine and borne profusely450			
	ss at all stages of development470	.45	.75	1.85
Six Weeks, Long Yellow. Ear	ly, full, flat pods of good quality480	.45	.75	1.85
Stringless Green-Pod. Extra	early; stringless; prolific; dark green,			
round pods; decidedly	curved	.45	.75	1.85
Stringless Green-Pod. Giant.	Improved, long-podded strain of above;			
		.45	.85	2.00
			.03	2.00
	uperior green round-podded variety; very			
	stringless pods; very early, fine forcer.			
Our imported stock of	this exceptionally fine variety has given			
great satisfaction where	ver tried. Pkt. 15c., 1/2-lb. 50c510	.80	1.40	3.25
Valentine, Extra-Early, Hard	y, vigorous and upright in growth; round,			
	r; fine flavor	.30	.55	1.35
	the Valentine, but with black seed; long,	.50	.,,	,
	tender and of good flavor; very early and	2.0		1 25
productive		.30	.55	1.35
70 1 16 1	ENCLICH DWADE DEANS			

ENGLISH DWARF BEANS Feve de Marias

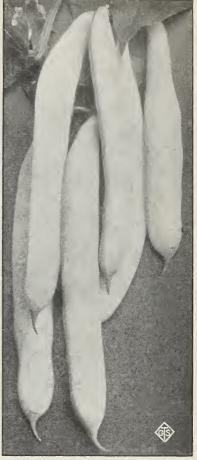
HabaCULTURE.—Sow in drills 2 feet apart, the Beans 3 to 4 inches apart in the rows, and 2 inches deep, as early in the spring as the ground can be worked.

2 lbs. 5 lbs.

Packets 15c. 1/2-lb. Packets 35c. 5 lbs. 1 lb. 2 lbs. Broad Windsor. Largest and best of the class; thick stem and pods...650 \$0.50 \$0.95 \$2.30 2.50 Mazagan. Earliest of the class. A small-seeded variety.......660 .65 1.10 Sword Long-Pod. A size smaller than Windsor................670 .65 2.50 1.10

DWARF WAX BEANS	as on f	same	
Packets 10c. 1/2-lb Packet			,
,		0.11	F 15
Black Wax, Improved Prolific. Very	1 10.	2 lbs.	5 lbs.
early and prolific. The pods are			
round, full, stringless and of fine	en 25	¢0 (=	¢ 1 = 0
quality	\$0.55	\$0.65	\$1.50
Black Wax, Currie's Rustproof. Flat			
pods; early; productive; fine	2.5	.65	1.50
quality	.55	.05	1.50
waxy white, flat pods; vigorous			
and upright in growth, holding			
pods well up from the			
	3.5	.65	1.50
Golden Wax, Improved. Very early;		.05	1.50
flat node stringless prolific un-			
flat pods; stringless; prolific, up- standing, hardy and much less			
liable to blight or rust than the			
old Golden Wax800	.35	65	1.60
Golden-eye Wax. Hardy and prolific;	.,,	.03	1100
flat, yellow pods; early and free			
from rust; vigorous and produc-			
tive820	.35	.65	1.60
Hodson Wax. Very large, brittle,			
tender flat wax pods; very pro-			
ductive; late830	.40	.75	1.85
Refugee Wax, Thorburn's Stringless.			
A perfect Refugee, with brittle,			
round, wax pods; for early or			
late sowing; immense yielder;			
late	.35	.65	1.60
Valentine Wax, Thorburn's. Round			
pod; prolific; solid and meaty;			
fine quality when young; one			
of the earliest880	.40	.75	1.85
Wardwell's Kidney Wax. Early; long,			
flat, purely wax pods and of			
handsome appearance; string-	0.5		1.60
less; of fine quality890	.35	.65	1.60
	A A		

DWARF WAX REANS Culture same



Improved Golden Wax Beans

DWARF LIMA AND DWARF WHITE BEANS

CULTURE.—Plant as soon as warm weather has fairly set in, or start a few under glass four weeks before setting out. Soil should be light and rich. Sow in drills 2 feet apart, the Beans about 6 inches apart, and covering about 2 inches. Two pounds to 100 feet of drill. Mulching keeps the pods from the ground.

Packets 10c. 1/2-lb. Packets 25c. except where otherwise noted Thorburn's Dwarf Lima. (The True Kumerle Strain.) The Beans are extra 1 lb. 2 lbs. 5 lbs. large, and are a pure, creamy white; very tender. 1/2-lb., 35c....1000 \$0.60 \$1.10 \$2.50 Burpee's Bush Lima. A bush form of the large, flat, Pole Lima, growing only 2.25 18 to 20 inches high. The Beans are borne very profusely.....1010 Burpee's Improved Bush Lima. Much larger and thicker pods and Beans 1020 .50 .95 2.25 Early Giant. New. Very prolific; continuous bearer; large pods; tender, .50 .95 2.35 .50 .95 2.35 than the others, but of fine quality; adaptable to North or South..1040 .50 .90 1.90 New Wonder Bush Lima. Early and productive; similar to Burpee's Bush .55 1.35 Lima. 1.90 .40 .75 1.35 Red Kidney. Long, flat pods; good both green and dry; fine variety for .55 1.35 .30 .30 .55 1.35

Haricots a Rames Fagiuoli Da

POLE, or RUNNING BEANS

Sgusciare Frijoles de Bejuco

AULFORD CULTURE

CULTURE.—Sow as the soil becomes warm and dry, from the first to the latter part of May for all except Limas, in hills 4 feet apart each way. Limas should not be planted until warm weather has fairly set in. Two pounds (1 quart) of Limas will plant about 100 hills, allowing four or five Beans to a hill, and of the smaller sorts about 200 hills. Plant Pole Limas eye down, 2 inches deep. Poles 8 to 10 feet long should be firmly set in the hills before planting seed. INOCULATE THIS SEED WITH

1/2-lb. Packets 25c.

one the transfer of the property of the proper	Packets 10c.
	1
Thorburn's Challenger I	ima Reans

Thorburn's Cha	llenger Li	ma Beans
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		(included		
	Lima, Thorburn's Chal- lenger. Thick and productive; best of all, yielding more green shelled beans to the bushel than	1 lb.	2 lbs.	5 lbs.
	any other Lima. 1200 Lima, Carpinteria Pole. Large; thicker than ordinary Pole Limas; vigorous; large flat	\$0.50		
	Beans1204 Lima, Early Jersey. Very early; Beans large, tender, three to	.50	.90	1.85
	pod1214 Lima, King of the Gar- den. Large, long-pod	.30	.55	1.35
	Bean; late1230 Lima, Large White. An old standard sort.	.30	.55	1.35
	highly esteemed.1232 Lima, Small Sieva or	.30	.55	1.35
◆	Carolina. Early.1250 Horticultural Pole. Good as a Snap or Shell	.30	.55	1.35
Thorburn's Challenger Lima Beans	Bean. Popular .1280 Kentucky Wonder or Old Homestead. Pods green, stringless when young; very	.30	.55	- 1.35
·	long and flat1310	.35	.65	1.50
Scarlet Runner. The popular English Pole Beans and ornamental		.40	.75	1.80

Betterave Barbabletola

BEET

Remolacha Rühe

CULTURE.—Sow as early in the spring as the ground can be worked (1 ounce to 50 feet of drill; 5 or 6 pounds to the acre), and every two weeks after for a succession up to the first week of July. Later plantings will produce greens. For general crop, sow about the middle of May. To hasten germination, soak the seed over night. The soil should be light, sandy loam, well enriched with stable manure and plowed and harrowed until very fine. For long Beets the soil should be rich and deep, well pulverized and not recently manured. The Turnip Beet matures in 60 to 75 days; the long varieties require the whole season for their growth. Sow in drills 1 foot to 15 inches apart, and when well up thin to from 4 to 6 inches. The young Beets, with their tops, pulled out of the row, are excellent used as a spinach. For this purpose, sow frequently and use when of the size of a hickory nut.

Packets 10c.	Oz.	¼ lb.	Lb.
Bassano. Early; light color; good sort; very sweet; broad, flat1500	\$0.20	\$0.50	\$1.50
Crimson Globe. Globular shape; root clean and smooth; few leaves;			
flesh rich, deep crimson; tender and sweet	.25	.60	2.00
Detroit Dark Red Turnip. Round; skin dark blood-red; flesh bright			
red, tender1540	.20	.50	1.50
Dewing's Early. Of fine form and flavor; good for market1550	.20	.50	1.50
Early Blood Turnip. Dark red; fine flavor; good for winter. Round,			
half flattened, smooth clean root	.25	.60	2.00
Eclipse. Early; round; bright red. Heavy yielder1570	.20	.65	2.00
Edmand's Blood Turnip. A market-gardener's strain; regular in shape			
and of best quality1580	.20	.60	1.90

BEET—Continued					
Egyptian. Extra early; flat; flesh	Oz.	⅓ 1b.	Lb.		
dark blood color1590 Egyptian, Crosby's. Extra early; round; dark blood color; root	\$0.20	\$0.65	\$1.90		
larger and thicker than above	.20	.50	1.50		
ground.) A good late variety for winter1620 Swiss Chard or Silver Beet, Lu-	.30	.90	2.75		
cullus. Large leaves; tender and of fine flavor; dark green; pure white ribs (see page					
31)1700	.20	.60	2.00		
BAANCEL MILIDZEL	CHC	AD D	рет		



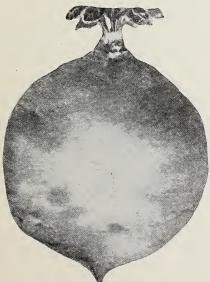
Crimson Globe Beet

MANGEL-WURZEL and SUGAR BEET CULTURE.—As all Mangels require a deep, rich soil

CULTURE.—As all Mangels require a deep, rich soil in order to grow well, plow and subsoil at least I foot to 18 inches and apply plenty of rich stable or our Complete Manure. Sow in May or June, in rows 18 inches to 2 feet apart, and thin to 8 to 12 inches in the rows. Sow, in addition, when the plants are 3 to 4 inches high, at the rate of 200 pounds of Complete Manure, 200 pounds of bone meal and 400 pounds of salt to the acre. As soon as frost occurs, dig the crop. In order to be well preserved for gradual consumption during the winter, the roots should be heaped to a height of perhaps 6 feet, on a dry, sloping situation; cover at first with a piece of canvas, and as the cold increases this should be replaced by about 6 inches of either salt hay, straw, seaweed or cornstalks, with a light layer of earth on top. As soon as this surface soil becomes frozen, about 6 to 8 inches more of earth should be placed over it. Sow from 5 to 8 pounds to the acre.

MANGEL-WURZEL

Packets 10c.	Oz.	¼ lb.	Th
Giant Half-Sugar. White, green top; long, ovoid, red skin, white	02.	74 10.	Lu.
flesh	\$0.20	\$0.50	\$1.50
Giant Yellow Intermediate. Very large; skin smooth; flesh white 1860	.20	.50	1.50
Golden Tankard. Large; bright yellow skin; handsome, sweet and			
productive	.20	.50	1.50
Golden Yellow Globe. Productive	.20	.50	1.50
Mammoth Long Red Mangel-Wurzel. Very large; enormously produc-			
tive. Roots grow half or more above surface1910	.20	.50	1.50



Mangel-Wurzel

SUGAR BEET

Ounce Packets 15c.

We recommend 5 to 10 pounds to the acre.

Klein Wanzleben. Rich in sugar	1/4 lb.	Lb.	5 lb.
content; also grown extensively for stock2000	\$0.30	\$0.90	\$4.00
Vilmorin Improved. Large, smooth, white, very rich			
in sugar2010	.30	.90	4.00

Bourrache	BORAGE	Borraja
Boragine	DONAGE	Boretsch

The young leaves of this annual, which smell somewhat like a cucumber, are used as salad, or boiled like spinach. Should be sown to the depth of ½ to I inch, at intervals, as the leaves are palatable only when young. Sow in the spring, in light soil; transplant in shallow drills, I foot apart, when of six weeks' growth

240. Pkt. 15c., oz. 40c., 1/4 lb. \$1.50, lb. \$5.00

Broccoli
Brokuly

BROCCOLI

Broculi
Spargelkohl

CULTURE.—Sow early sorts as soon as the ground can be worked in the spring, in shallow drills, drawn 3 or 4 inches apart. Plant out 2 feet apart each way when the plants are about 4 inches high. Cultivate same as cabbage, in rich, moist and moderately deep soil, and use the same remedies for insect attacks. The inner leaves should be tied over the head as soon as formed. The following are sorts best adapted to this climate; they are excellent and deserve much wider culture than is usual in this country. One ounce will produce about 2,000 plants.



Veitch's Self-protecting Broccoli

Chou de Bruxelles Cavolo di Brusselles

BRUSSELS SPROUTS

Berza de Bruselas Rosen Kohl

Brussels Sprouts is, without exception, the best winter vegetable that can be grown. It is as hardy as the common curled greens.

Perfection Brussels Sprouts

CULTURE.—For early crop, as soon as ground is fit sow thinly ½ inch deep in seed bed with rows 1 foot apart. Thin to 2 inches or more apart; transplant in June so that plants stand at least 1 foot apart and rows 1½ feet apart; for late crop proceed as above, except that seed is planted early in June, 1 inch deep, and is transplanted about August 1. Rich loam is best. If soil is sandy, dig in compost around each plant or mulch to conserve moisture. As the Sprouts begin to grow big, break off the leaves near them. When the Sprouts are full size, cut as wanted, but not too close— sometimes other Sprouts will start in their places. With the late crop the plants may be lifted with a little earth and stored in a frame with some protection against severe weather.

Packets 10c.

Uz.	½ ID.	LD.
\$0.40	41 40	\$5.00
ψ0.70	φ1.70	φ5.00
.40	1.40	5.00
.45	1.60	5.25
.40	1.40	5.00
	\$0.40 .40	\$0.40 \$1.40 .40 1.40

Cardoon CARDOON Cardo

CULTURE.—Sow early in spring, ½ to 1 inch deep, in rows 3 to 4 feet apart, where the plants are to stand, and thin them, when well up, to 2 feet apart. Soil should be moist, rich and deep. When full size, bind them together with bast or raffia, and earth up like celery to blanch. The stems of the leaves are used for salads, soups and stews. The stems may be wintered in a dark cellar away from frost.

Large Solid. Smooth; grows about 4 feet high; leaves nearly free from spines. Pkt., 10c....2770 \$0.30 \$1.00 \$3.00

Cerfeuil CHERVIL Perifollo

CULTURE.—Cultivate and use the curled variety like parsley. Sow as soon as the ground can be worked, or at any time in the spring in shallow drills, I foot apart, in well prepared ground, preferably in a cool and moist situation; shady or northern aspect. Thin early to 8 or 10 inches in the row. Several cuttings can be made throughout the season.

Packets 10c.

1/4 lb. Lb. Curled. Leaves used for flavoring soups and stews and for garnishing; early and ornamental. 4240 \$0.25 \$0.80 \$2.50 Leaves much Plain. divided, but not curled; fine arocurled; fine aromatic flavor..4250 .60 2.00



Thorburn's Selected Early Jersey Wakefield Cabbage

Chou Pommé Cavolo Cappucio

CABBAGE

Col Repollo Kopfkohl Kraut

CULTURE.—Soil for Cabbage should be rich and heavy loam, with good drainage. On such a soil, with an abundance of stable or our Complete Manure, excellent crops are sure to be grown. For early spring, sow in fall, not too early, for the plants are liable to bolt in the spring instead of heading. In a month the plants will be fit to transplant to cold-frames, where they are wintered, taking care in planting to set the young plants down to the first leaves. Transplant in spring as soon as the ground can be worked, setting the plants 2 feet apart one way and from 12 to 18 inches the other, according to the variety.

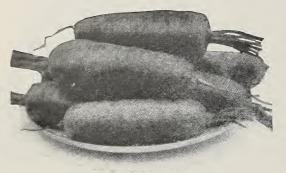
Packets 20c.	Oz.	1/4 lb.	Lb.
Copenhagen Market. The finest large, round-headed, early Cabbage.			
Very solid; of fine quality; short-stemmed2390	\$0.50	\$1.75	\$4.50
Allhead. Very early; very solid; large, smooth, regular heads. 2394	.40	1.50	4.00
All Seasons. Intermediate; heads hard, round, flattened on top. 2395	.40	1.25	4.00
Early Jersey Wakefield, Thorburn's Selected Stock. Undoubtedly the			
finest strain of this most popular, well-known early Cabbage in cultivation. The heads are extremely solid, pyramidal in shape and			
of most excellent quality, with very little outside foliage2460	.70	2.00	7.00
Charleston Wakefield. Large strain of the above; tender; pointed	.,,	2.00	7.00
head	.60	2.00	7.00
Enkhuizen Glory. Large, early, white, solid, ball-shaped heads2470	.60	2.00	6.50
Early Flat Dutch, Stein's. For forcing or for general crop2475	.60	2.00	6.50
Early Winnigstadt. A standard second-early variety; hard, pointed			
heads	.50	1.85	6.00
Early Summer. Second-early; produces large, solid heads of finest			
quality	.50	1.85	6.00
Succession Improved. Excellent second-early sort; large, solid heads	<i>T</i> 0	1.05	(00
2520	.50	1.85	6.00
Large Late Drumhead. Large-sized variety; many leaves; dark green,			
waving at the edges; compact; rounded; very late; good keeper	.90	3.25	8.00
Large Late Flat Dutch. One of the best known winter cabbages2540	.40	1.50	4.50
Premium Late Flat Dutch. A standard variety of the popular late	. 10	1.50	1.50
flat Dutch2545	.40	1.50	4.50
Thorburn's Market-Gardeners' Private Stock Flat Dutch. Fine strain	. 10		
of the immense Winter Cabbage grown on Long Island for market.			
Of fine flavor	.50	1.85	5.00

CABBAGE—Continued	Oz.	¼ 1b.	Lb.
Surehead, Flat Dutch Type. Heads large, round, flattened at the top; few outer leaves; very firm; excellent shipper and desirable keep-			
ing variety; late		\$1.50	
largely grown in Denmark for the London market2580 Red Negro Head. Fine deep dark red	.50 .50	1.75	5.50 5.50
Savoy, Early Ulm. Medium size, round, deep green heads; very early .2640 Chinese (Pe-Tsai). Commonly known in the markets as Celery Cab-	.50	1.75	6.00
bage; blanches white; used in salads or cooked2660 Wong-Bok. Chinese Celery Cabbage with a delicate cabbage flavor2670	.40 .40	1.50	5.25 5.25

Carotte Carota

CARROT

Zanahoria Carotten Mohren



Early Scarlet Horn Carrot

CULTURE.—Sow No. 2890 as early as the ground can be worked; or, for late crop, until the latter part of July, or early in August for a winter crop. This is the finest and most tender for table use. For main crop, sow other sorts from middle of May to the first of July. The soil must not be allowed to bake over the seeds, as they germinate slowly. The seedlings are delicate and require careful cultivation until the tops cover the ground. Thin out early crop to 5 inches in the row; main crop, 6 to 7 inches; the rows 10 inches apart for early crop, 14 inches for main crop. Hoe often and deeply between the rows. Sow at the rate of 2 to 3 pounds to the acre; 1 ounce to 100 feet of drill.

Packets, 10c.	Oz.	¼ lb.	Lb.
Parisian Forcing. Early; tender and sweet; fine for early and late	-,		
crops, also for frames; short, broad, smooth2890	\$0.35	\$1.25	\$3.75
Oxheart Half-Short (Guerande). Very thick and short; large, but tender	.25	.80	2.50
Scarlet Horn, Early. Very thick roots; fine for frames; popular	.23	.00	2.50
kitchen variety2930	.25	.80	2.50
Half-Long, Stump-rooted, True Nantes Strain. One of the most popu-	.25	.80	2.50
lar sorts	.25	.00	2.50
shoulder	.25	.80	2.50
Danvers Half-Long. Large; productive; orange color3020	.15	.45	1.50
Long Orange. Best for stock-feeding; green top; keeps well3040	.15	.45	1.50
Chicoree Sauvage CHICORY Achico	ria		
Cicoria Selvatica CITICON 1 Cichori	en Wurz	el	
Packets, 10c.	Oz.	¼ 1b.	Lb.
Common or Wild. Used in "Barbe de Capucin," a salad much made	Oz.	¼ 1b.	Lb.
Common or Wild. Used in "Barbe de Capucin," a salad much made in France. Sown in June. The roots are transplanted in autumn	Oz.	1/4 lb.	Lb.
Common or Wild. Used in "Barbe de Capucin," a salad much made in France. Sown in June. The roots are transplanted in autumn into sand in a cellar. Always keep the roots well covered. The			
Common or Wild. Used in "Barbe de Capucin," a salad much made in France. Sown in June. The roots are transplanted in autumn into sand in a cellar. Always keep the roots well covered. The young shoots form the "Barbe de Capucin"	\$0.35	\$1.25 1.25	Lb. \$4.00 4.00
Common or Wild. Used in "Barbe de Capucin," a salad much made in France. Sown in June. The roots are transplanted in autumn into sand in a cellar. Always keep the roots well covered. The young shoots form the "Barbe de Capucin"	\$0.35	\$1.25	\$4.00
Common or Wild. Used in "Barbe de Capucin," a salad much made in France. Sown in June. The roots are transplanted in autumn into sand in a cellar. Always keep the roots well covered. The young shoots form the "Barbe de Capucin"	\$0.35	\$1.25	\$4.00
Common or Wild. Used in "Barbe de Capucin," a salad much made in France. Sown in June. The roots are transplanted in autumn into sand in a cellar. Always keep the roots well covered. The young shoots form the "Barbe de Capucin"	\$0.35	\$1.25	\$4.00
Common or Wild. Used in "Barbe de Capucin," a salad much made in France. Sown in June. The roots are transplanted in autumn into sand in a cellar. Always keep the roots well covered. The young shoots form the "Barbe de Capucin"	\$0.35 .35	\$1.25 1.25	\$4.00
Common or Wild. Used in "Barbe de Capucin," a salad much made in France. Sown in June. The roots are transplanted in autumn into sand in a cellar. Always keep the roots well covered. The young shoots form the "Barbe de Capucin"	\$0.35 .35	\$1.25	\$4.00

COLLARDS

CULTURE.—Sow in a rich, moist soil, as for cabbage, in June, July and August for suc-

cession. Transplant when a month old in rows a foot apart each way and hoe often.

Oz. 1/4 lb.

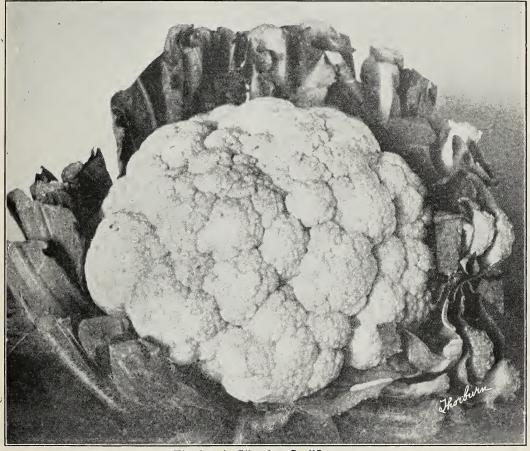
Georgia. Best for warm weather......Pkt., 10c..4380 \$0.20 \$0.50

Chou-Fleur Cavoloflore

CAULIFLOWER

Coliflor Blumenkohl

CULTURE.—The same as for cabbage, except that extra manure and plenty of water will pay upon Cauliflower. If the soil be dry, water frequently, and, if the plants have a heavy mulch of hay or straw, it will keep the soil moist, and they will not suffer from drought. Cauliflower can be grown for an early crop by starting the seed under glass late in February or very early in March. Prick out the seedlings once. Keep them stocky, but do not stunt. Harden off to set out when the soil is in best condition in April. The late kinds may be planted out the same time as cabbage. It is also possible to get a late crop by sowing the early varieties in seed-bed early in June, transplanting when about 5 inches high, giving the plants liquid manure or nitrate of soda.

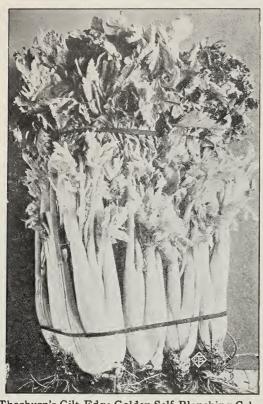


Thorburn's Gilt-edge Cauliflower				
	Pkt.	¼ oz.	Oz. °	1/4 Lb.
Thorburn's Extra-early Dwarf Erfurt. The best and earliest				
for forcing; very dwarf and compact; with short stem				
and small leaves. The curd is very tender and exceed-				
ingly fine flavored. Should not be confounded with en-	40.25	41.50	4400	41400
tirely different sorts advertised2250	\$0.25	\$1.50	\$4.00	\$14.00
Thorburn's Gilt-edge. Large, heavy sort; maturing immedi-	25	1.00	4.50	16.00
ately after our Large Snowball. Best of all2270	.25	1.60	4.50	16.00
Thorburn's Large Early Snowball. A large strain of finest	20	1.25	4.00	14.00
quality	.20	1.25	4.00	14.00
Extra-early Paris. Heads medium size; first class2310	.25	1.50	4.00	14.00
Lenormand Short-stem. Has very large heads; white and	25	1.50	4.00	14.00
firm	.25	1.50 1:50	4.00	14.00
Algiers, Large Early. Large white heads	.25	1.50	4.00	14.00
Early London. Large and hardy; hard, firm head2350	.20	.40	1.00	3.50
Autumn Giant. Vigorous in growth; very large; late2360	.20	.40	1.00	2.50

Celeri Sedano

CELERY

Apios Sellerie



Thorburn's Gilt-Edge Golden Self-Blanching Celery

Easy Blanching. Early; blanches quickly; vigo

CULTURE.—Sow the seed in a light, rich, dry border as early as the ground can be worked, in drills 8 to 10 inches apart, and cover the seeds about 1/4 inch deep, rolling or treading them in if the ground be dry. One ounce will be sufficient for 2500 to 3000 plants. When fairly out of the seedleaf, they may be transplanted to another bed, or they may be thinned out to 6 or 8 inches apart, and let grow until wanted to plant out in beds or trenches. The beds should be kept well weeded, and an occasional soaking with water in dry weather will do the plants good. Early in July in the North, and five or six weeks later in the Southern states, is the proper time to set the plants out in beds or trenches. Cutting the tops keeps them back. Cut off tap-root when first transplanted, and press the soil firmly against the roots.

	Oz.	¼ lb.	Lb.
Improved White			
Plume. Naturally			
white or light foli-			
age requires but			
little banking up			
to blanch; very			
early and exten-			
sively grown for			
market3210	\$0.55	\$2.00	\$7.00
Golden Self-Blanch-			
ing, Thorburn's			
Gilt-Edge. Our			
finest strain. 3230	1.00	3.50	11.50
	1.00	2.20	11.50
rous grower; keeps a	2.00	7 00	22.00
3233	2.00	7.00	
od keeper3235	.55	2.00	7.00
r varieties, either for			
den yellow3260		1.90	7.00
g. large, late sort. 3300	.50	1.90	7.00

Packets, 10c.

long time. Good for nome or market	2.00	7.00	22.00
Boston Market. The best for winter use; a good keeper3235	.55	2.00	7.00
Perfection Heartwell. One of the finest winter varieties, either for			
family or market-garden. The heart is golden yellow3260	.50	1.90	7.00
Giant Pascal. An easily blanched and fine-keeping, large, late sort. 3300	.50	1.90	7.00
Giant Golden Heart. Very large; solid and fine-flavored; vigorous			
grower	.50	1.90	7.00
New Rose. Fine flavor; handsome variety	.50	1.90	7.00
Pink Plume. Tinged with red; attractive, rich flavor; long keeper. 3360	.50	1.90	7.00
Winter Queen. Very large, solid, green winter sort; blanches well.3384	.60	2.00	7.00
CELERIAC (Turnip Rooted Celery)			

Packets, 10c. Oz.

Giant Prague.	Very large roots,	for soups and	stews; when	cooked	ĺ.
and sliced i	makes fine winter	salad		3400 \$0.	35 \$1.25
Apple. Has sma	ill foliage and smal	ll, smoothish roc	ots; for soups.	3420 .	35 1.25

CORN SALAD (Fetticus)

CULTURE.—Sow during August or early September, in drills 1/4 inch deep and 6 inches apart, for spring use. The leaves should be picked when half as large as lettuce. A second crop may be picked from the same plant.

1/4 lb. Lb. Large-seeded, Broadleaved.....4430 \$0.10 0.20 0.60 2.00

CRESS

1/1 lb.

Lb. \$3.75 3.75

CULTURE .- Sow in spring, every two or three weeks. Begin to sow again from the middle to the end of August every week or two for fall succession.

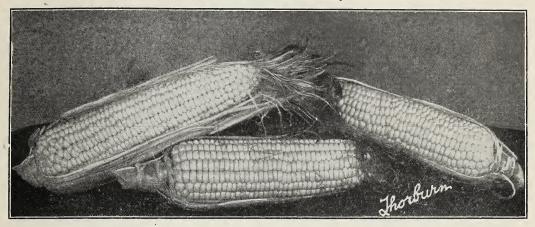
Curled, or Pepper	Oz.	⅓ 1b.	Lb.
Grass. Pkt. 10c 4520	\$0.20	\$0.50	\$1.50
True Water Cress. Pkt. 15c4570	.55	1.90	6.50

CORN, SWEET or SUGAR

Mais

Maiz

Kukurydza



CULTURE.—As soon as danger from frost is past, plant in hills 3 feet apart each way, and five or six kernels in a hill. The hills should be prepared before planting by digging in a shovelful of compost and a double handful of high-grade fertilizer. In spring plant 1 inch deep; later plantings 1½ to 2 inches deep. Thin out to three plants in the hill, or, if in rows, to 12 inches apart. Two pounds will plant 150 to 200 hills. Hoe often and draw soil up to stem; break off side shoots. Corn requires a warm, rich soil and a sunny exposure. Plant for succession every two weeks until middle of July. If sown thinly in drills, a greater yield from a given surface will be obtained.

Packets, 10c. 1/2 lb. Packets, 30c.

EXTRA-EARLY	Lb.	5 lbs.	15 lbs.	
Thorburn's Nordheim Extra-Early. Earliest and finest of all. The stalks grow 6 to 7 feet high, each bearing three or four nearly perfect	LQ.	o ids.	13 106.	
ears of excellent quality. 7 inches long, 5 inches circumference; 8 to 10 rows; of large kernels, white and very sweet3700 Early Mayflower. Extra early; large ears; sweet and tender. 6½ to 7	\$0.50	\$2.25	\$6.00	
inches long; $5\frac{1}{2}$ to 6 inches circumference; 8 to 12 rows of medium large kernels; white	.35	1.50	4.25	
sweet, tender and of fine flavor3710	.35	1.50	4.25	
Golden Bantam. Extra early; yellow; very sweet and tender3760	.40	1.75	5.00	
Golden Giant (De Luxe). Large ears; fine quality; small cob3730	.55	2.75	7.00	
Mammoth White Cory. Ears double the size of the old Cory and bet-	.,,,	2.73	7.00	
ter in flavor: 12 rows of kernels	.40	1.75	5.00	
Minnesota. Nearly as early as Cory, but with larger ears; white3790	.40	1.85	5.25	
Kendel's Giant. Very early for so large-eared a variety; sweet3840	.40	1.85	5.25	
Premo, Extra-Early. Very sweet; ears large; extremely early3810	.40	1.75	5.00	
Seymour's Sweet Orange. A vigorous grower, attaining a height of 6				
to 7 feet, and producing two good-sized ears to a stalk3764	.55	2.50	6.00	
60-Day Makegood. This is one of the most valuable introductions of				
recent years. It produces good-sized ears with deep, white ker-				
nels, sweet, tender and of fine flavor	.40	1.75	5.00	
White Cory. Resembles the ordinary Cory, but with white cob3720	.35	1.50	4.25	
SECOND-EARLY				
Thorburn's Early White Perfection. A valuable second-early sort, producing good-sized ears. The cob is small and the grain is almost white. It is a heavy yielder, very sweet and an almost				
perfect type, without flint or glaze3900	.40	1.75	5.00	
Early Mammoth. Large ears; fine quality; not very late3930	.40	1.85	5.25	
Crosby. Matures after Minnesota; fair-sized ears of good quality3940	.30	1.35	3.75	
Howling Mob. An early Corn of large size; white and sweet3944	.45	2.00	5.50	
Long Island Beauty. Large, valuable market sort. 91/2 inches long;				
7 inches circumference; 16 rows of large kernels3945	.40	1.75	5.00	
Potter Excelsior, or Squantum. Good-sized ears of fine quality; white	.40	1.85	5.25	
WHILE				

CORN,	SWEET	or	SUGAR-	-Continued
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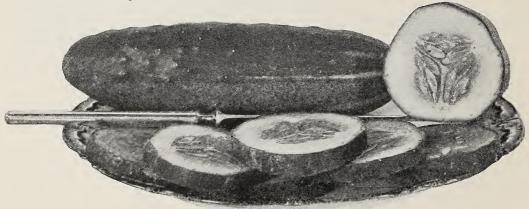
GENERAL CROP	Lb.	5 lbs.	15 lbs.
Hickox Improved. Handsome ears; very white and of rich flavor. 9½ inches long; 6½ inches circumference; 12 to 15 rows of large kernels	\$0.40	\$1.75	\$5.00
Hardy; keeps well; grains long and slender, free from glaze4040	.35	1.50	4.25
Golden Evergreen. Very sweet, round grains; beautiful variety of fine quality4050	.55	2.50	6.00
LATE VARIETIES			
Black Mexican. Very sweet, of superior flavor; grains bluish black.4100	.40	1.75	4.25
Late Mammoth. Rank in growth; large ears, rich and sweet4120 Country Gentleman. Introduced by us in 1888. Ears 8 inches long; 6 inches circumference; grains irregular, not in rows. Small cob,	.40	1.75	4.25
and very long, white, slender deep grains4140	.40	1.75	4.25

Cetriolo Concombre

CUCUMBER

Pepino Gurken

CULTURE.—For very early, sow in hotbeds upon pieces of sod, or in small pots. They can be readily transplanted with care, gaining about six weeks over those sown in the open ground. Plant out in rich soil when danger of frost is over, or protect by hand-glasses, or by paper held down at the corners with a handful of earth. For general crop, sow in the open ground as soon as the weather is settled and warm, and every two weeks for a succession. Sow the seed about 3/4 inch in depth. One ounce will do for 60 to 70 hills. Thin, leaving four or five of the strongest seedlings in a hill. For pickles, sow from middle of June to first week in July. Plant in hills 4 feet apart. For mildew and wilting, spray with Bordeaux. For beetles and other insect pests, spray with tobacco water and whale-oil soap, reaching the underside of the foliage, or dust with tobacco dust.



Thorburn's Special White Spine Cucumber Packets, 10c.

Ω_{σ}	I/ 1h	Lb.
	74 ID.	
\$0.25	\$0.85	\$3.00
.20	.60	2.00
.25	.80	2.25
.20	.60	2.00
.20	.60	2.00
	.20	\$0.25 \$0.85 .20 .60 .25 .80 .20 .60

CUCI	IMR	FRC	Continued
			.onnmea

Packets, 10c.	Oz.	¼ lb.	Lb.
Early Green Cluster. Fruit small and in clusters; very prolific4780	\$0.20	\$0.60	\$2.00
Early Short Green. Good for pickling; productive4840	.20	.55	1.90
Giant Pera. Very long; one of the best for table use; smooth, thin	.20	.,,,	1.70
skin4800	.20	.60	2.00
Green Prolific Pickling. One of the best for pickling; dark green 4940	.20	.55	1.60
Jersey Pickling, Half Long. Very productive; fruit long, tapering and	.20	.,,	1.00
slender4855	.25	.80	2.25
Long Green Improved. Long and crisp; a popular variety for pickles.	.43	.00	2.25
	.20	(0	2.00
White Spine, THORBURN'S SPECIAL. The best variety for forcing or	.20	.60	2.00
white Spine, THORDORY S SI ECIAL. The best variety for forcing or			
outdoor culture. Splendid for both home garden and market. Very			
prolific. See illustration on page 164930	.25	.75	2.25
White Spine, Extra-Early. Vigorous grower, for pickles or cutting. 4864	.20	.50	1.60
White Spine, Improved. A handsome and uniform early variety4870	.15	.50	1.50
White Spine, Arlington. Fine either for forcing or for outdoors 4880	.20	.50	1.60
White Spine, Thorburn's Noroton Selected. Our well-known Improved			
White Spine. Earlier, more perfect in shape and more prolific; best			
slicing variety4890	.20	.60	2.00
White Spine, Extra-Long, or Evergreen. A beautiful large and well-shaped			
Cucumber4900	.20	.60	2.00
White Spine, Long Green	.20	.60	2.00
Gherkin. Very small burr; used for pickles4980	.25	.75	2.25
distribution of the state of th	.23	.,,	2.23

ENGLISH CUCUMBERS FOR FRAMES

Pkt. Improved Telegraph. Our highly selected stock is the finest available of this popular \$0.25 variety. Unquestionably one of the best for forcing, and a great cropper....5130

> Dente Di Leone Pissenlit

DANDELION

Amargon Lowenzahn

CULTURE.—Sow in early spring in drills ½ inch deep and 18 inches apart; thin out the plants to 12 inches. Keep clear of weeds during the summer and the ensuing summer the leaves will be fit to cut. Pkt. Oz. 1/4 lb.

Common Cultivated......4620 \$0.10

Petrongians

Aubergine

EGGPLANT

Eierofianze Berengena

\$1.50

\$0.45

Oz.

\$0.70

.70

CULTURE.—Sow in hotbeds very early in spring and transplant when 2 inches high into a second bed or into small pots. If this is not done, thin to 4 inches apart.

Packets, 10c. Improved New York Spineless. Oval; deep purple; early and productive......5310

Florida High Bush. Purple, though not so deep as the New York Spineless, which it resembles in shape. Productive, vigorous and can stand more cold than that variety. 5340

1/4 lb. \$2.50 2.50

.60 2.00 New York Spineless Eggplant

Endivia Chicoree

ENDIVE

Endivien Escarola o Endivia

CULTURE.—Sow in June, July or August, in good, rich garden soil; cover lightly; when up, thin out to 8 or 10 inches apart and water well. When the leaves are 6 to 8 inches long, blanch by tying together near the top. (They must be quite dry, or they will rot.) Pachete 10-

racrets 10c.	Oz.	¼ lb.	Lb.
Green Curled Winter. Standard sort for fall and winter crop5210	\$0.20	\$0.60	\$2.00
Moss Curled. Compact plants with finely divided leaves5215	.20	.60	2.00
Giant Fringed or Oyster. New. Has a large white heart5227	.20	.60	2.00
White Curled. For early use	.20	.60	2.00
Broad-leaved Batavian (Escarolle). A sweet variety; fall and winter.			
Grows large hearts which blanch easily5250	.20	.60	2.00

See, also, Witloof (French Endive), under Chicory, page 12,

Cavolo Verde Chou Vert Frise

KALE or BORECOLE

Breton Berza Blatterkohl

CULTURE.—Cultivated and grown exactly like cabbage. Sow No. 5600 in August and September for early greens, in rows 2 feet apart, and thin to 18 inches or 2 feet in the rows. Sow seed 1/2 to 1 inch deep. One ounce will do for a 100-foot row. In very cold situations a light mulch may be required in winter.

Packets, 10c.	Oz:	1/4 lb.	Lb.
Curled Dwarf Green. Very dwarf and spreading; best strain; largely		4.	
grown in the South, being sown in August and September5600	\$0.25	\$0.75	\$2.50
Curled Tall Green Scotch. A taller growth of No. 56005610	.20	.60	2.00
Curled Siberian Thorburn's Improved. Green curled; hardy5636	.20	.60	2.00

Cayolo Rapa Chou-Rave

KOHLRABI

Colinabo Knollkohl

CULTURE.—Sow in spring, about 1 inch deep, in rows 18 inches apart, afterward thinning the plants to 8 to 10 inches. If the weather is suitable, the thinnings may be planted, but it is considered difficult to transplant. Soil should be same as for cabbage; a rich loam. Do not let the earth get into the heart of the plants and do not cover the thick stem or knob. One ounce will give about 1,500 plants, enough for 300 feet of drill. For early plants, seeds may be sown under glass in March. Tenderest while young. Sow in succession. Keep the weeds down, and when the thickened stems above ground are 2 or 3 inches through they are fit to eat, and should be used at once, being tough when old. Cook same as turnips.

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THE REPORT OF THE PARTY OF THE
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Thorburn's Best Large Flag Leek

Packets 10a	Oz.	¼ 1b.	Lb.
Early White Vienna. Handsome; very delicate in flavor5800			
Early White Vienna, for frames. Fine every way. Good for			
market gardeners5810 Extra-Large White Goliath. Late;	.40	1.25	4.00
forms a large ball; productive	.25	.75	2.50

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CULTURE.—Sow very early in spring, in drills 6 inches apart and I inch deep; one ounce to 100 feet of drill. Thin out to I inch. When about 7 inches high, transplant in rows 12 inches apart, as deep as possible, but do not cover the young center leaves. Water thoroughly if dry when planted out. Draw earth up to them as they grow; deep, rich soil is required. Dress twice, and freely, ten days apart, with nitrate of soda or liquid manure. If they need water, give it to the roots through a pipe thrust down among the stems—taking care not to wet the leaves. Take up and store in earth in a cool cellar before winter weather. The seeds may also be sown in September and wintered under frames, and the young plants transplanted in spring.

Packets 10c Oz.	¼ 1b.	Lb.
THORBURN'S BEST LARGE	74 10.	Do.
FLAG. Hardy and produc-		
tive 5910 \$0.20	\$0.60	\$2.00
Musselburgh. Similar to above.		
5950 .20	.60	2.00

COURTESY

We believe our customers will find a new spirit pervading in both of the Thorburn Stores

87 Barclay St. (Downtown)

650 West 125th St. (Uptown)

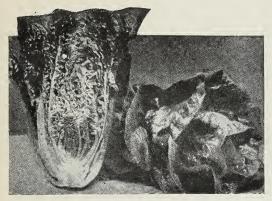
Any complaints or suggestions for improving our service which will be appreciated, may be addressed to Executive Manager, J. M. Thorburn & Co., 46 West Broadway, New York.

Lattuga Laitue

LETTUCE

Lattich Lechuga

CULTURE.—Sow 6030, 6120, 6340 and 6350 in hotbeds in March, and these as well as all the other varieties in the open ground as soon as it can be worked, and transplant in rows 8 inches apart and rows 1 foot apart. Sow in two weeks' time again for a succession; also Cos sorts. Latter part of August, sow any of the varieties. In October some of these may be planted in frames, to head in winter and early spring. One ounce is sufficient for 1,000 plants or 300 feet in rows. Sow ½ to 1 inch deep—if under glass, ¼ inch. Always sow thinly and thin out well, or the plants will not be strong.





Packets 10c.	Oz.	1/4 lb.	Lb.
American Gathering. A decidedly crisp variety; strictly bunching.	Oz.	74 ID.	Lio.
Leaves bright brown varying to bright green and very much blistered			
and crumpled. Large size; late-intermediate in development. 6020	\$0.25	\$0.70	\$2.25
Big Boston. Strictly cabbage-heading; large; late-intermediate in development; buttery flavor. Leaves broad, mostly smooth, very slightly			
blistered and crumpled. Light dull green, excepting extremely nar-			
row light brown border. The heads are broad, slightly pointed and			
hard. Fine for forcing under glass6030	.25	.70	2.25
Brown Dutch. A cabbage-heading variety; very buttery flavor; medium			
to large in size; late to intermediate in development. Head globular			
and firm. Leaves broad, fairly blistered and twisted. Color dull	.25	.70	2.25
green, tinged with faint blotches	.23	.70	2.23
cidedly buttery flavor; large; late to intermediate in development.			
Head very firm, and globular in shape. Leaves slightly blistered and			
crumpled. Color dark, rich glossy green, distinctly spotted with			
deep brown	.25	.70	2.25
Crisp as Ice. Forms a slightly pointed head of small to medium size; decidedly buttery in flavor. Leaves broad, fairly blistered and twisted.			
Color a dark, almost solid brown in summer6060	.30	1.00	3.25
Denver Market. A crisp variety; fairly cabbage-heading; large to me-	.50	1.00	J. L J
dium in size. Head oval, somewhat soft; leaves excessively blistered			
and crumpled and slightly twisted. Color very light green. Fine			
for forcing under glass	.25	.70	2.25
Giant Crystal Head. A crisp variety; large and late. Head globular, extremely hard. Leaves broad, fairly blistered, crumpled and twisted.			
Color light green, excepting faint brown on borders of leaves6100	.25	.70	2.25
Grand Rapids Forcing. Bunching variety, decidedly crisp; early to in-		., 0	2.23
termediate in development. Forms a loose, rounded cluster of leaves			
close enough together for blanching to only a small extent. Leaves			
excessively blistered and crumpled and slightly twisted. Color very	2.5	0.0	2.25
light green. Fine for forcing under glass	.25	.80	2.25
edly crisp; very large and very late. Head globular; extremely hard			
and well blanched. Leaves broad, fairly blistered, crumpled and			
twisted. Color very light green6140	.20	.60	1.75
Hubbard Market. This is a cabbage-heading Lettuce of decidedly but-			
tery flavor, large to medium in size; early to intermediate in development. Head globular, very firm and well blanched. Leaves broad,			
slightly blistered, crumpled and twisted. Color medium green. Qual-			
ity excellent. Fine for forcing under glass6160	.25	.70	2.25
10			

LETTUCE—Continued

Packets 10c.	0	-/ 11	
Iceberg. It is a strictly cabbage variety; crisp rather than buttery; large	Oz.	⅓ 1b.	Lb.
and late. Head is globular, extremely hard and well blanched. Leaves are slightly blistered, crumpled and twisted	\$0.25	\$0.70	\$2.25
crumpled, and slightly twisted. Color light brown	.20	.60	1.75
Mignonette. A cabbage-heading variety; fairly crisp; size small to medium; early to intermediate. Head globular, extremely hard, very well blanched. Leaves broad, excessively blistered, crumpled and	.20	.60	1.75
twisted. Color dull; very dark brown with dull dark green in less exposed parts. Exceedingly tender, crisp and sweet6240 New York Cabbage. This is a decidedly crisp variety, forming a very large cabbage-head of late maturity. Heads are globular or slightly oval, very hard and well blanched. Leaves broad, fairly blistered,	.25	.80	3.00
crumpled and twisted. Color dark green	.30	1.20	3.75
brown, varying to bright green toward center	.25	.70	2.25
heading, of a buttery flavor, and medium size. Color a medium green. Leaves slightly crumpled. Forms a good solid head6300 Early Curled Simpson. Decidedly crisp; large to medium in size. Plant is spreading, covering a rounded, well blanched, dense cluster of	.25	.75	2.25
leaves. Leaves broad, much blistered and crumpled and slightly twisted. Color very light green. Very sweet flavor6320 Black-seeded Simpson. Crisp variety; strictly bunching, sometimes tending to a cabbage-like growth; large; marketable early, but late attaining fullest development. Forms a firm, well-blanched, rounded	.20	.60	1.75
cluster of leaves closely drawn together. Leaves broad, much blistered, crumpled and twisted. Color very light green6330 Tennisball, White-seeded. Cabbage-heading; of a decidedly buttery flavor. Head globular and well blanched. Leaves broad, blistered,	.20	.55	1.75
crumpled and slightly twisted. Color dull medium green, sometimes brownish in distinct blotches. Fine for forcing6340 Tennisball, Black-seeded. A decidedly butter variety; cabbage-heading; large to medium in size; early to intermediate in development. Head globular, firm and well blanched. Leaves excessively blistered, crumpled and slightly twisted. Color light green. Quality excel-	.20	.60	1.75
lent. Fine for forcing under glass	.20	.60	1.75
in size. Color dark green. Forms hard, compact head6370 White Summer Cabbage Lettuce. Large to medium size; globular and very firm. It blanches well and is of a buttery flavor. The leaves	.25	.80	2.90
are crumpled and twisted. Color medium green6390	.30	.80	2.90
ROMAINE, or COS LETTUCE			
Packets 10c. White Paris Cos. Of upright growth; fine. Forms a well-blanched head	Oz.	⅓ 1b.	Lb.
decidedly loaf-shaped. Color pale green	\$0.20	\$0.60	\$1.75
shaped head, round at the top; well blanched; firm	.25 .25	.75 .75	2.50 2.50
Fungo Pratajolo Blanc de Champignon MUSHROOM SPAWN		Seta Schwamn	ı
CULTURE — Mushrooms may profitably be grown in cellars under b	anchas	of aroom	hamean

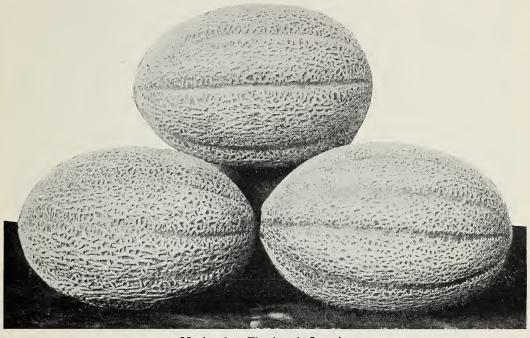
CULTURE.—Mushrooms may profitably be grown in cellars, under benches of greenhouses, or in sheds, wherever the temperature of 50 degrees can be kept up through the winter. Write for our special circular on Mushroom culture.

If wanted by mail, add postage	Per Brick	10 Bricks	25 Bricks	100 Bricks
American Pure-Culture Spawn. Direct bricks; latest strain.	DITCK	Dricks	Bricks	Bricks
Weight about 1 pound each	\$0.35	\$3.25	\$7.00	\$25.00

Popone Melon Muscade

MUSKMELON (Cantaloup)

Melon Muscatel Melone



Muskmelon, Thorburn's Surprise

CULTURE.—Select a light, rich, sandy soil, and, after all danger of frosts is over and the ground has become warm and dry, plant in hills 4 to 6 feet apart each way, six to twelve seeds to a hill. When up and all danger of insects has passed, pull out all but three plants. Cultivate until the vines cover the ground, and pinch the ends of the growing shoots to induce early fruiting. Ashes, lime, or even dry road-dust, are excellent to sift over young plants when the dew is on, to prevent the attacks of insects. For sucking insects, use kerosene emulsion. A few hills for early use may be had by sowing in hotbeds, on pieces of sod or in pots. The seed may also be started out-of-doors under hand-frames or glasses. It is quite important that proper soil be selected for growing Muskmelons. The hills should have a mixture of well-rotted manure and Thorburn's Complete Manure dug into them. Or the center of the hill may be removed and a bushel of compost spaded in, covering with a few inches of earth. The melon-patch should be cultivated regularly after each rain and all weeds removed.

SALMON and YELLOW-FLESH VARIETIES

Facrets 10c.	Oz.	¼ lb.	Lb.
Burrell's Gem, or Defender. Reddish orange flesh; fine-grained and		74	270.
spicy; dark green skin, slightly ribbed; thin rind; good shipper6800	\$0.20	\$0.60	\$2.00
Emerald Gem. Small, nearly round; slightly ribbed; extra early; dark			
green skin; thick, salmon-red flesh; very sweet6810	.20	.65	2.00
Fordhook. Firm, salmon-colored flesh; small seed cavity; vigorous			
grower	.20	.60	2.00
Long Yellow Cantaloup. Yellow flesh; late	.20	.60	2.00
Nutmeg Tip-Top. An improved strain; very sweet salmon flesh 6840	.20	.60	2.00
Osage. Cocoanut-shaped; salmon flesh; dark green, netted skin 6814	.20	.60	2.00
Paul Rose. Handsome oval variety; rich orange flesh; very sweet 6820	.20	.65	2.00
Rocky Ford. Pollock No. 25. One of the best salmon-fleshed Melons;			
rust resistant; good keeper and shipper	.25	.75	2.50
Thorburn's Orange Christiana. Fine orange sort. Round, very sweet,			
and very early	.20	.60	2.00
Thorburn's Surprise. Oblong; rich orange flesh of fine quality;			
early	.20	.60	2.00
Yellow-meated Japan	.20	.60	2.00

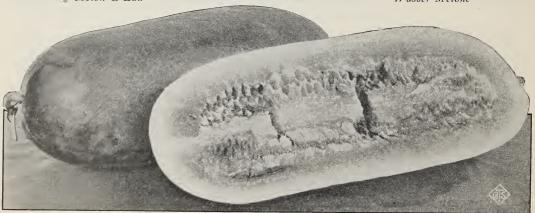
MUSKMELON—Continued GREEN-FLESH VARIETIES

Packets 10c.	Oz.	¼ lb.	Lb.
Baltimore Market. Oval; green flesh of fine quality; intermediate6870	\$0.20	\$0.65	\$2.00
Bay View Hybrid. Very large; oblong; late; light-green flesh6880	.20	.60	2.00
Hybrid Casaba. A vigorous grower and enormous yielder; melons of			
large size and unsurpassed flavor; skin is green until fruits begin to			
ripen, when it turns to a light yellow; white flesh, rich and luscious.	.35	1.25	4.00
Splendid for warm climates	.20	.65	2.00
Hackensack. Large round, and of good quality; early6920	.20	.60	2.00
Hackensack Extra-Early. Ripens ten days earlier than the Hackensack;	.20	.00	2.00
well adapted to short-season localities	.20	.60	2.00
Honey Dew. New. Large, round, light-colored melon; delicious, rich			
green flesh; sweet as honey; requires long growing season6935	.40	1.35	4.25
Jenny Lind. Old favorite. Small; green-fleshed; very early6940	.20	.65	2.00
Long Island Beauty. On style of Hackensack. The earliest and finest	•		2 00
in quality, and the most beautiful of all Muskmelons6950	.20	.60	2.00
Montreal Green. Large, round; netted; flesh thick; late6970	.20	.60	2.00
Netted Gem, Oblong. Same as above, save in shape6990	.20	.60 .60	2.00
Nutmeg. Sweet, green flesh; very early; named from its shape7000 Rocky Ford. Very sweet and fine flavored; oblong7010	.25	.75	2.50
Skillman's Netted Gem. Oval shape; large; early; sweet and highly	.23	.,,	2.50
perfumed	.20	.65	2.00
•			
MISCELLANEOUS VARIETIES			
Packets 10c.			
Banana Citron. Cucumber-shaped; highly perfumed; late7110	.20	.60	2.00
Vine Peach. Color of a peach; fine for preserving or for pickling7135	.20	.60	2.00

Melone D'Aqua Melon D'Eau

WATERMELON

Zandia Wasser-Melone



Tom Watson Watermelon

CULTURE.—Treat the same as muskmelons, except that they should be planted 8 to 10 feet apart, according to variety. Light soil is best. Start under glass if possible. Do not allow more than three melons to set on each plant.

Packets 10c.	Oz.	¼ lb.	Lb.
Alabama Sweet. Dark green; tender red flesh; long. Fine shipper. 7410	\$0.20	\$0.50	\$1.50
Black Diamond. Dark green, tough skin; large size. Round. Average weight, 30 pounds	.20	.50	1.50
Black Spanish. Roundish; nearly black; dark red flesh; early; good shipper; hardy; productive	.20	.50	1.50
7450 Cole's Early. Medium size; red flesh; green skin; roundish, oval; best	.20	.50	1.50
for northern home gardens	.25	.60	1.90
early; oval	.25	.60	1.90

WATERMELON—Continued

	Oz.	¼ 1b.	Lb.
Dixie. Excellent; large and solid; red flesh; intermediate; long7510	\$0.25	\$0.60	\$1.90
Early Fordhook. Extra early; good size; green skin; red flesh; oval7530	.25	.80	2.60
Florida Favorite. A superior strain; oblong; red flesh; early7540	.20	.50	1.50
Halbert's Honey. Dark, glossy green skin; flesh crimson, luscious and	.20	.50	1.50
sweet. Strong, vigorous grower and free fruiter; long. Fine for			
		4.0	1 05
northern states	.15	.40	1.25
Hungarian Honey. A very early sort; fine for northern latitudes; per-			
fectly round; brilliant red flesh	.20	.50	1.50
Ice Cream, or Peerless. Very early; red flesh; oval; seed white7570	.20	.50	1.50
Icing, Dark. Solid; dark green skin; red flesh of superior quality;			
white seed; early; nearly round	.20	.50	1.50
Irish Gray. A distinct and valuable melon; wonderfully productive. Long,			
thick and uniform; color of rind yellowish gray; flesh sparkling bright			
red, sweet and very firm and compact. One of the best shippers. 7595	.20	.50	1.50
Jordan Gray Monarch. Largest grown; crimson flesh; late; long7600	.20	.50	1.50
Kleckley Sweets. Exceedingly sweet and fine flavored; dark green skin;	.20	.50	1.50
thin rind; flesh scarlet, solid and firm; long7610	.20	50	1.50
Kolb Gem. Large; good shipper; bright red flesh; intermediate; oval. 7620	.20	.50	1.50
Mammoth Ironclad. Long; very large; late; red flesh; good shipper7630	.20	.50	1.50
McIver's Wonderful Sugar. Oblong; handsome and very sweet7645	.20	.50	1.50
Mountain Sweet. Red flesh; late; dark green; long, tapers7650	.20	.50	1.50
Phinney, Early. Oblong; fine quality; large; solid; red flesh7660	.20	.50	1.50
Rattlesnake, Southern. Oblong; dark and striped; bright red flesh;			
late	.20	.50	1.50
Sugar Stick. Light green; oblong; luscious rich red flesh7700	.20	.50	1.50
Sweetheart. Oval; very large; bright skin; fine quality7720	.20	.50	1.50
Tom Watson. Produces melons 16 to 22 inches long and 8 to 10		.,,	
inches in diameter. The dark green rind is thin, but tough; stands			
shipping well. Flesh is deep red, crisp and of finest flavor7724	.20	.50	1.50
	.20	.50	1.50
Citron, Green Seed. Used for preserves	.20	.50	1.50

Moutarde MUSTARD

Mostaza

Sow thickly during early spring in shallow drills, and press the earth well down. For fall salad, sow in September, or in frames or boxes during winter. Needs to be gathered before it goes to seed.



Packets 10c.

1 uckers	IUC.		
Chinese Broad-leaved. Leaves of agreeable flavor when cooked	Oz.	1/4 lb.	Lb.
like spinach7803 Giant Southern Curled. Very large leaves.	\$0.15	\$0.30	\$1.10
In the South it is sown in the fall and used for salad in the spring 7815 Ostrich Plume. Leaves	.15	.30	1.10
curled and frilled like an ostrich plume7820 White London. Leaves	.15	.30	1.00
used for salads while young; grows very rapidly7825	.15	.30	1.00

NASTURTIUM

Capucine

Maraneula

CULTURE.—Sow, as soon as all danger of frost is past, in drills about an inch deep. The tall kinds require fences or poles on which to climb. The seeds are used in flavoring pickles, or as a substitute for capers.

Packets 10c.

	Oz.	¼ lb.	Lb.
Tall Mixed7920	\$0.20	\$0.60	\$2.00
Dwarf Mixed7930	.20	.60	2.00

OKRA, or GUMBO

Gombaud

Quimbombo

CULTURE.—Sow late in the spring, after the ground has become warm, in drills 3 feet apart, where the plants are to remain. Thin out to from 9 to 12 inches. They should be well manured. They may also be raised in pots or a hotbed, and transplanted. Good for stews, salads and soups.

Packets, 10c.

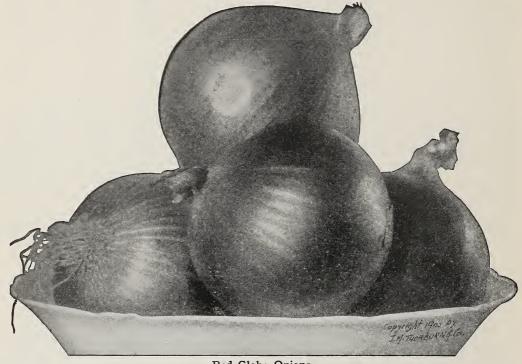
	Oz.	½ 1b.	LD.
Dwarf Green Prolific.			
Short, thick pods;			
early8040	\$0.20	\$0.35	\$1.00
Perkins' Mammoth.			
Fine strain; very			
long pods8050	.20	.35	1.00
White Velvet. Tender,			
long, white pods;			
smooth and velvety			
in appearance.8030	.20	.50	1.50

Cipollo Oignon

ONION

Cebolla Zwiebel

CULTURE.—Sow in rich, sandy soil, in drills 1 foot apart, at the rate of 4 to 5 pounds to the acre, or 1 ounce to 100 feet of drill. Thin to 3 to 4 inches, using the rake and hoe frequently to keep down the weeds. The finest Onions are produced by the new method of sowing the seed in hotbed in February and March and transplanting the seedlings to the open ground. Against the coming of the Onion Maggot scatter tobacco dust about the bases of plants. For thrips use kerosene emulsion. It is best to destroy all plants attacked.



Red Globe Onions

Packets, 10c.			
rackets, 10c.	Oz.	¼ lb.	Lb.
White Queen. Pure white; small; extra-early; fine for pickling8330	\$0.40	\$1.40	\$5.00
White Large Portugal. The standard large flat sort of the New York			
markets	.35	1.15	4.00
White Large Globe (Southport Strain). Very large and handsome. 8370	.35	1.15	4.00
White Mammoth Garganus (Silver King). Large silvery white8380	.35	1.15	4.00
White Bermuda, White or Yellow. (Teneriffe-grown.)8400	.35	1.15	4.00
White Bermuda (True Crystal Wax). (Teneriffe-grown.)8410	.35	1.15	4.00
White Welsh. Leaves used for salad early in spring. Sow in fall8520	.35	1.15	4.00
Yellow Danvers. Early and a good keeper; slightly flattened8540	.30	.80	3.00
Yellow Globe, Large (Southport Strain). The finest large yellow 8560	.40	1.40	4.50
Yellow Prizetaker. Immense size; globe-shaped; large yielder8570	.35	1.15	4.00
Yellow Ailsa Craig. A splendid Yellow Globe variety; grown largely for			
exhibition purposes. A great forcer	.75	2.50	8.00
Red Australian Brown. Medium size; hard; solid; very early8700	.30	.85	3.00
Red Bermuda. (Teneriffe-grown.)	.35	1.20	4.00
Red Wethersfield, Large. Half-early, and a good keeper; large size. 8720	.30	.85	3.00
Red Globe, Large (Southport Strain). The finest large red sort8730	.30	.85	3.00

ONION SETS, Etc.

Plant in drills about 12 inches apart and 4 inches in the row, with their tops just showing. Prices Subject to Market Changes

	Quart	½ peck	Peck		Quart	½ peck	Peck
Yellow Onion Sets	\$0.30	\$1.10	\$2.00	Red Onion Sets	\$0.30	\$1.10	\$2.00
White Onion Sets	.30	1.10	2.00	Shallots	.40	1.50	2.65
	Carlie		1 T.	h \$0.50 · 5 Lbs \$2.00			

Prezzemolo PARSLEY Perijil
Persil Petersi

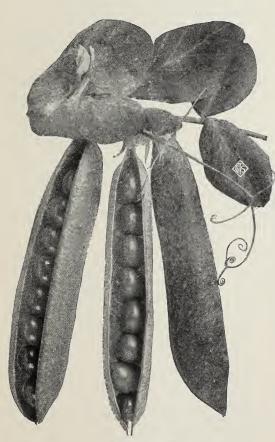
CULTURE.—Soak the seeds a few hours in lukewarm water, and sow early in spring and until the middle of July, in drills I foot apart.

Packets, 10c. Oz. ¼ 1b. Thorburn's Extra Curled. Superior8850 \$0.15 \$0.40 \$1.25 Thorburn's Champion Moss Curled. Pretty; nice for garnishing8855 1.25 .15 Plain. Ordinary form. 8865 .40 1.25 Hamburg, Thick-rooted. Roots resemble Celeriac in flavor......8870 .20 .50 1.50

Chirivia Pastinaca PARSNIP Panais Pastinake

CULTURE.—Sow early in the spring, in rich soil, in drills 18 inches apart. Oz. 1/4 lb. Lb.

Thorburn's Hollow-Crown. A market-gardeners'



Gradus Peas



Parsley

PiselloChicharos o Guisanies PEAS Pois Erbsen

CULTURE.—A week may be gained in earliness by sowing in moist



sand placed in a box in the cellar, and planting outside when well sprouted. Light, dry soil, not over-rich, suits the Pea. Sow every 10 days for succession. Medium and late Peas must be planted early; Extra-Earlies may be planted again in August. Sow in single or double rows, from 4 to 6 feet apart, about an inch apart in the row, and 3 inches deep, 2 pounds to 100 feet of drill.

Note—Those marked with a star (*) are wrinkled marrows. Those marked thus (†) are large-podded sorts.

EARLY PEAS

Packets, 10c.; 1/2 lb Packets, 25c.

Height			
in feet	Lb.	5 lbs.	15 lbs.
21/2	\$0.35	\$1.60	\$4.60
21/	2 5	1 60	4.60
21/2	.55	1.00	4.60
1	40	1.90	5.20
	in feet 2½	2½ \$0.35	in feet Lb. 5 lbs. 2½ \$0.35 \$1.60



Packets, 10c.; 1/2 lb. Packets, 25c.

Packets, 10c.;	1/2 10.	racret	s, Zoc.	
	Height			
D	in feet	Lb.	5 lbs.	15 lbs.
Daisy. Very robust,				
and the crop of				
giant well - filled				
pods of good color				
is enormous.9570	11/4	\$0.40	\$1.90	\$5.20
Daniel O'Rourke.				
Improved. Extra				
early; favorite				
sort 8910	21/2	3.5	1.60	4.60
	-/2	.,,	1.00	1.00
Early Eight Weeks.				
Ready for picking before any of the				
other extra early				
varieties; fine				
quality. Well-				
filled pods, quite				
large for so early				
a variety9562	11/4	.40	1.90	5.20
First-of-All First-				
First-of-All. First- class selected				
strain of extra-				
earlies8920	$2\frac{1}{2}$	40	1.90	5.20
**C	-/2		, 0	J. 2 0
*†Gradus, also called				
Prosperity. On e				
of the finest extra-				
early Peas. Ready				
to pick about four				
days after 8900.				
Pods very large, filled with large				
filled with large				
"wrinkled" Peas of				
finest quality.8950	3	.40	1.90	5.20
*†Laxtonian. Very			,,,,	J.=0
large, dark green,				
curved pods and				
Peas of finest fla-				
vor; great yielder;				
very early9040	2	.45	2.00	5.50
*Nott's Excelsior.				
Splendid early				
wrinkled sort;				
very prolific.9000	1	.40	1.90	5.20
Premium Gem. Early;				
straight pods; well				
filled9010	- 1	.40	1.90	5.20
*Sutton's Excelsior.		. 10	1.70	3.20
As early as Amer-				
ican Wonder, with				
ican wonder, with				
much broader pods, filled with				
pods, filled with				
large Peas of fin-				
est flavor; very				
prolific8990	1	.40	1.90	5.20
*†Thomas Laxton. A				
cross between				
Gradus and one of				
the extra-e arly				
sorts. Ripens				
within a day or				
two of the earliest				
round varieties;				
very productive;	_		1.00	
pods large8940	3	.40	1.90	5.20
†*World's Record.				
Large-podded Pea				
of fine quality;				
very early9050	4	.40	1.90	5.20
• •				-
26				

MEDIUM PEAS

Packets, 10c.—½-Lb. Packets, 25c.	Heigh in feet		5 lbs.	15 lbs.
*Horsford's Market-Garden. Style of Advancer; prolific9170 Everbearing. Long pods; large Peas; sow thinly9180 †Pride of the Market. Very large pods; sow thinly9190 *Champion of England. A well-known sort; sow thickly9200 *Dwarf Champion (Juno). Dwarf form of the popular Champion of England, with large pods; very productive9210 *†Duke of Albany (American Champion). Immense pods on style of Telephone; very superior9220		\$0.40 .40 .40 .45 .45		\$5.20 5.20 5.20 5.50 5.50
MAIN and LATE-CROP PEAS				
Packets, 15c.; ½ lb. Packets, 25c. except where noted				
*†Admiral Dewey. (Alderman.) Enormous pods; large wrinkled Peas	4 4 1/2 2 5 1/2 2 4 4 3	.45 .45 .45 .45 .45 .45	2.00 1.90 2.00 2.50 2.00 2.00 1.90 2.00	5.50 5.20 5.50 7.00 5.50 5.50 5.20 5.50
SUGAR PEAS (Edible Pods)				
Sugar Peas have edible pods which are eaten when young. Packets, 15c.; ½ lb. Packets, 25c. Mammoth Melting	4	.45	1.90	5.20
Peperone DEDDED Pfeff				

Piment

PEPPER

Pimiento

CULTURE.—Sow in hotbeds in March and, when the soil has become warm, set in rows 2 feet apart and 18 inches in the rows. Hoe frequently. The soil should be light, warm and rich, but not dry. One ounce will produce 1,500 to 2,000 plants.

Packets,	10c.		
	1/2 OZ.	Oz.	1/4 lb.
Bell, Large. Bright red;			
largely used for pick-			
ling. Mild flavor;			
may be eaten as a			
vegetable9650	\$0.40	\$0.70	\$2.40
Chinese Giant. Very			
large; flesh very mild			
and thick; bright			
scarlet color9660	.50	.90	2.75
scariet coloi 9000	.,,	***	
Cayenne Long Red.			
Slender pods; 3	.45	.75	2.50
inches; pungent.9670	.47	.13	2.50
Perfection Sweet. A			
very sweet Pepper,			
piquant flavor, not			
fiery; medium size;			
thick-skinned and of			
brilliant scarlet.9725	.45	.75	2.50
Red Cherry. Cherry-			
shaped; used for			
pickles; hot9740	.45	.75	2.50
Red Chili. Productive;			
small; red and very			
Siliali, ica alla very			



Pepper, Chinese Giant ½ oz. Oz.

Sman; red and very			
pungent9750	\$0.45	\$0.80	\$2.60
Royal King. Flesh very thick, mild and sweet; fine shipper9755	.45	.80	2.60
Ruby Giant. Large, desirable shape for stuffing; mild and delicate. 9764	.50	.90	2.75
Ruby King. Bright red: 4 to 6 inches long; mild; best for stuffing. 9770	.45	.70	2.40
Sweet Spanish. Large; mild; used for salad9800	.50	.95	3.00
,			

1/4 lb.

Zucca Potiron

PUMPKIN

Melonen-Kürbiss Calabaza

1/4 lb.

.50

Lb.

\$1.50

1.50

Oz.

\$0.20 \$0.50

.20

CULTURE.—Any average garden soil will do. May be planted middle of spring, among the Indian corn or in the field or garden, in hills 8 to 10 feet apart each way, 4 seeds in a hill. Spade into the hills a bushel or more of compost, and a double handful of Thorburn's Complete Manure. Sow seeds about I inch deep, I ounce for 30 hills. If the largest possible fruit is wanted, allow but one to set on a plant, pinching off all others.

Packets, 10c.

	1 uckets, 10c.
Early Sugar. Fine-grained, sweet	pest varieties for family use10150 and prolific; small; yellow. Flattened best for Pies10170
Early Sugar. Fine-grained, sweet or slightly ribbed; one of the l	Cushaw Striped. A splendid st crookneck variety
	Connecticut Field. Very large,
	Cushaw Mammoth Golden. A yellow variety of excellent ity; fine for pies Tennessee Sweet Potato. Very bell-shaped; thick white fles for pies Japanese Pie. Early; dark flesh yellow Mammoth King. Salmon-orange very thick bright yellow fles grained and tender. Grows enormous size Quaker Pie. Bell-shaped, s crooked; very large; yellow tled green; yellow flesh; ver lific and a good keeper; fi pies Winter Luxury. Medium size, round; russet yellow; very light yellow flesh. A fine and one of the best for pies.

Quaker Pie Pumpkin Pomme de Terre

Carley String A splandid stringd	Oz.	⅓ 1b.	Lb.
Cushaw Striped. A splendid striped crookneck variety10220	\$0.20	\$0.50	\$1.50
Cushaw White, or Jonathan. A white crookneck variety of excellent quality; fine for pies10224	.25		2.50
Cushaw Mammoth Golden. A golden yellow variety of excellent quality; fine for pies10225	.20	.50	1.50
Tennessee Sweet Potato. Very large; bell-shaped; thick white flesh; fine for pies10230	.20	.50	1.50
Japanese Pie. Early; dark green; flesh yellow	.20	.50	1.50
Mammoth King. Salmon-orange skin; very thick bright yellow flesh; fine grained and tender. Grows to an enormous size10260	.25	.75	2.50
Quaker Pie. Bell-shaped, slightly crooked; very large; yellow, mottled green; yellow flesh; very prolific and a good keeper; fine for pies10280	.20	.50	1.50
Winter Luxury. Medium size, nearly round; russet yellow; very thick	.20	.50	1.50
light yellow flesh. A fine keeper and one of the best for pies. 10290	.20	.50	1.50
Connecticut Field. Very large, oval, flattened ends; red; deep yellow skin and flesh. Grown in corn-			
fields for stock10300	.15	.40	1.10

POTATOES

Patatas

GROWN EXPRESSLY FOR SEED

CULTURE.—Three to 4 barrels to the acre, I peck for 100 feet of row. Select a rich soil, neither dry nor wet. The farther South the grower lives, the surer he should be that his seed is from the North, for southern-grown seed keeps poorly and sprouts badly. Cut the potatoes into chunky pieces of one-quarter or so, not thin slices, trying not to cut through eyes and having about three eyes on each piece. Plant in rows 3 feet apart, and the sets 1 foot in the rows and about 4 inches deep. Place in bottom of hill a good handful of Thorburn's Complete Manure and mix with the soil. For diseases and pests in general, beginning when the plants are up to 6 to 8 inches, spray with a mixture of bordeaux, paris green and arsenate of lead, every two weeks

These are prices ruling January 1; later on they may be higher and are subject to change without notice. We ship Potatoes entirely at customer's risk

One barrel or sack weighs about 165 pounds net; one bushel, 60 pounds net

EARLY POTATOES

Bbl. or 1/2 pk. Pk. 1/2 bus. Bus. Irish Cobbler. Fine; white; vigorous grower; cubicai shape. 10430 \$0.80 \$1.50 \$2.50 \$4.50 \$10.50 Early Rose. Popular market sort; very early; fine quality; very productive; pink skin.....10460 .80 1.50 2.50 4.50 10.50



Carman No. 1 Potato

INTERMEDIATE and LATE POTATOES					
			½ bus.	Bus.	Bbl. or Sack
Carman No. 1. This most valuable Potato was introduced by us in 1894, and it is a recognized high-class standard sort10530	\$0.80	\$1.50	\$2.50	\$4.50	\$10.50
Green Mountain. Oval shape; white skin and flesh; excellent; heavy yielder	.80	1.50	2.50	4.50	10.50
Rural New Yorker. An old standard Potato. Very few and shallow eyes; fine, pure white skin and flesh; immense yielder; fine					
table quality, cooking very mealy10580	.80	1.50	2.50	4.50	10.50
Sir Walter Raleigh. Very productive; white flesh of best quality.	85	1.55	2.75	5.00	11.50

Ravanello Radis et Rave

RADISH

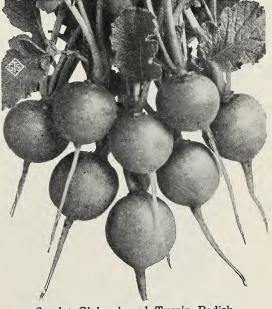
Radies Rabanos y Rabanitos

CULTURE.—Sow as soon as the ground is dry in the spring, in rows 8 to 12 inches apart, and 1/2 inch deep, every week or 10 days for a succession up to the middle of June, after

1/2 inch deep, every week or 10 days for a succession up to the middle of June, after which they are but little used unless a cool northern spot can be had where the ground is shaded during a part of the day. They should be sown in light, rich soil, as a crisp Radish cannot be produced in heavy soils. Sow also in early fall for late crops and winter use. Sow 8 to 10 pounds to the acre; 1 ounce for 100- to 125-foot row. Radishes should be eaten when quite small, it is a mistake to let them grow too long and too large. This applies particularly to the French Breakfast and small turnip-shaped sorts. Varieties marked with an asterisk (*) are best suited for market-gardeners.

Large Packets, 10c.

Zarge Tuckets, 100.				
	Oz.	1/4 lb.	Lb.	
*Turnip, Early Scarlet.				
Very early. The French favorite10680	¢0 15	\$0.40	\$1.20	
	ψ0.15	ψ0.40	Ψ1.20	
*Turnip, Early Scarlet White-tipped. Very				
early; for frames or				
outdoors10710	.15	.40	1.25	
*Turnip, Early Scarlet				
White-tipped, Forcing,	15	.40	1 25	
Rosy Gem10720	. 1)	.40	1.43	



Scarlet Globe-shaped Turnip Radish

RADISH—Continued	0-	1/4 lb.	T L
*Turnip, Early Scarlet Globe-shaped. Fine for forcing or open ground. The	Oz.	74 ID.	LD.
Radishes are almost round, of a beautiful rich scarlet, very tender and crisp	\$0.15	\$0.40	\$1.25
*Turnip, Early Crimson Giant Forcing. Good also for outdoors. In spite of	Ψ0.13	ψ0.10	Ψ1.23
their large size, these Radishes are crisp and solid10820	.20	.60	1.90
*Turnip, Early Round White Forcing, or Box	.15	.50	1.60
*French Breakfast. Pink and white; early	.15	.40	1.25
Olive-shaped Scarlet11094	.15	.40	1.25
Half-long Deep Scarlet (Paris Beauty)11140	.15	.40	1.25
Long Icicle. Pure white; of fine flavor; suitable for forcing11230	.20	.60	1.90
Long Cincinnati Market. An improved strain of Long Scarlet11240	.20	.50	1.50
*White Strasburg Summer. Very large; a popular favorite11320	.20	.55	1.85
*Winter Rose Chinese Half-long. Very handsome and distinct and keeps well.			
11380	.20	.50	1.60
Winter Long Black Spanish. The popular winter sort11390	.20	.50	1.60
Winter Round Black Spanish. Fine for winter11420	.20	.55	1.85
Sakurajima (Mammoth Japan). The largest sort in cultivation. Sow early in rich soil. In Japan it grows as much as 21 inches long and 43 inches in			
circumference. Thin well to allow of proper development11480	.30	1.00	3.00

Rabarbaro

RHUBARB

Rulbarbo

CULTURE.—Sow seed in a coldframe, in a fine rich, sandy loam, about the 1st of March, in drills 4 inches apart. Keep the frames covered during the nights and cold days, so that the soil will not freeze, and in six to eight weeks the plants will be large enough to set in the open ground. Transplant to a rich and deep soil, and set in rows 12 inches apart and 12 inches in the row. The



Mammoth Sandwich Island Salsify

following spring transplant again to a permanent location, setting 4 to 5 feet apart each way. In good soil, Rhubarb is ready to use the second year from seed. When roots are set out, plant them 4 to 5 feet apart each way, and keep weeds down. If roots are used, a crop may be had after one season, which is much better than sowing seed where only a few plants for family use are needed. In the fall the bed should have a thick dressing of coarse manure, to be spaded under in spring.

Pkt. Oz. 14 lb. Lb.

Strong Roots of Victoria...11700 Each Doz. \$2.50

Sassefrica Salsifis

SALSIFY (Vegetable Oyster)

Ostion Vegetal Haferwurzel

CULTURE.—Salsify will grow in any good garden soil. Work in some Thorburn's Complete Manure and scatter some of it along the furrow, covering lightly before dropping in the seed. Sow as early as the ground can be worked in the spring, in drills 12 inches apart, 1 inch deep, and thin out to 6 inches in the row. Use 1 ounce to a 60-foot row; 8 to 10 pounds to the acre. Keep the plants free from weeds. A part of the crop may be left in the ground till spring, when it will be found fresh and plump. The roots are cut into pieces ½ inch long, boiled until tender, and then served with drawn butter, in which way it is a delicious vegetable. They are also mashed and baked like parsnips, and have a sweet and agreeable flavor. Mashed and fried, the flavor is much like that of the oyster.

Corzonere

SCORZONERA

Escorzonera

Pkt. Oz. 1/4 lb. Lb.

CULTURE.—Cultivate the same as salsify. It is cooked in the same manner, but on account of being somewhat more difficult to raise is seldom seen in cultivation. Considered by many superior to salsify. It is also called Black Salsify.....

Oseille Acetosa

SORREL

Sauerambfer

CULTURE.—Sow in spring in drills 18 inches apart, in a rich soil, and keep the flower-stems cut off as they appear. It remains in the ground year after year, and needs to be taken up and divided only once in four or five years. To be cut and cooked precisely like spinach, or it is excellent cooked with it, one-third sorrel to two-thirds spinach. It is also used for soups.

Oz. 1/4 lb.

Garden, Large French.. 11930 \$0.10 \$0.25 \$0.80

SWISS CHARD

(Spinach Beet)

CULTURE.—Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and when large enough thin out to stand 6 inches apart in the row. Continue sowings for succession crops until the middle of July.

> Oz. ¼ lb.

Giant Lucullus. Large, crinkled leaves; tender and of fine flavor; dark green; pure white ribs.

1700 \$0.10 \$0.20 \$0.60 \$2.00



Giant Lucullus Swiss Chard

Spinace **Epinard**

SPINACH

Espinaca Spinat

CULTURE.—Sow in early spring, 1 inch deep, in drills a foot apart (10 to 12 pounds to the acre; I ounce to 100-foot drill), every two weeks for a accession, and, as it grows, thin out for use. Soil should be rich and light. Spade in plenty of compost or well-rotted manure. For fall use, sow in August, and for winter crop in September. Cover that which is left out over winter with straw or leaves after the weather becomes quite cold. Keep clear of weeds. Sow the seeds of New Zealand late in spring in hills 3 feet apart each way, three or four seeds in a hill.

Packets, 10c.

Oz. ¼ 1b. Lb.

Round Viroflay (Thick-leaved). Has very large, thick, dark green leaves; the



Prickly or Winter Spinach

favorite market-gardeners' sort for fall or spring sowing 12000 \$0.10 \$0.20 \$0.60 Long Season, Thorburn's. Stands longer before running to seed than any other sort except New .15 .30 .95 (Bloomsdale). Large curled and wrinkled leaves; tender and of finest flavor......12050 .30 .90 Prickly, or Winter.
ous and hardy; Vigorrecommended for fall sowing. .15 .90 .30 12080



New Zealand Spinach

before sowing.....

SPINACH—Continued

Long-standing (Round Thick-leaved). Dark	Oz.	1/4 lb.	Lb.
green; leaves large and thick; very long-standing. Best for spring growing12060	\$0.15	\$0.30	\$0.80
Victoria. Extra-dark, black-green color. Two or three weeks later	Ψ0.15	Ψ0.50	Ψ0.00
than the ordinary "Long-standing." A fine variety for spring sowing 12070	.15	.30	.80
New Zealand Summer. Not a Spinach, but used as such. Grows	,	.50	.00

very prolific. Pick the leaves and shoots as wanted. It does well in hot summer weather; valuable for hot climates. Soak the seed in hot water

.25 .70 1.90

CULTURAL DIRECTIONS

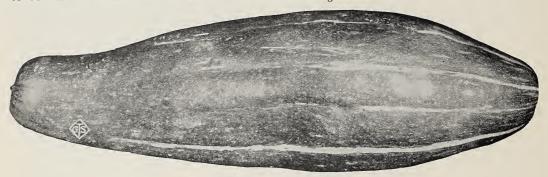
Our Cultural Directions on some of the Vegetables in this catalog have of necessity been curtailed. We publish, however, in pamphlet form, complete directions for each. Mailed free on request.

Zucca Courge

SQUASH

Calabaza Kürbiss

CULTURE.—Sow in hills in the same manner and at the same time as cucumbers and melons, the bush varieties 3 to 4 feet apart, the running kinds from 6 to 9 feet apart. Four ounces to 100 hills for bush varieties and 8 ounces for running varieties.



Mammoth Whale Squash

BUSH VARIETIES

Packets, 10c.	Oz.	1/4 lb.	Lb.
Early Golden Bush. Fine for summer; not so early as the White Bush12200	\$0.20	\$0.55	\$1.75
Golden Custard. Mammoth strain of Golden Bush. Golden yellow flesh;			
fine quality12210	.20	.55	1.75
Early White Scallop Bush. A good early shipping variety12220	.20	.55	1.75
Mammoth White Scallop Bush (Silver Custard). Not so early as the former,			
but it produces larger fruits12224	.20	.55	1.75
Long Island White Bush. An improved strain of Early White Scallop Bush;			
very prolific12230	.25	.80	2.00
Summer Crookneck, Yellow. Yellow fruit; distinct; best for summer12270	.25	.80	2.00
Summer Crookneck, Giant. Giant; double the size of the above12280	.30	.85	2.25
Cocozelle Bush (True Italian Vegetable Marrow). A fine variety; oblong shape;			
skin smooth, dark green, marbled yellow or pale green	.25	.80	2.00

SQUASH—Continued RUNNING VARIETIES

Packets, 10c.; Ounce, 25c., except where noted Boston Marrow. Oval; bright orange; flesh yellow and fine.....12410 \$0.80 \$2.00 Delicata. Orange-yellow, striped green; small size, but very prolific; it is extra early, solid and a good keeper; flesh dry and of fine quality12440 .85 2.75 Delicious. Green skin; orange flesh, .70 2.25 fine-grained, sweet and dry. 12450 Hubbard. Well known and liked for late use; fine for pies.....12500 .70 2.25 Hubbard, Golden or Red. Same as above, but with orange-red skin. Oz. 15c.....12510 .50 1.60 Hubbard, Mammoth Warted. Immense size, covered with warts. .70 2.25 Mammoth Chili. Rich orange flesh; grows to an enormous size. 12540 .80 2.90 Mammoth Whale. Enormous size; solid; orange flesh; fine quality. .70 2.25 12550 Marblehead. Gray skin; very productive; fine keeper.......12560 .80 2.90

VEGETABLE MARROW

Delicious Squash

> Pomo D'Oro Pomo D'oro

TOMATO

Tomate Liebesapfel

CULTURE.—Sow in a hotbed in early spring, about 1/8 inch deep, or the seed may be sown in shallow boxes and placed in a window when one does not wish to have the trouble of making a hotbed. One ounce will produce 1,500 to 2,000 plants. Transplant to the open ground when all danger of frost is past, setting the plants 3 to 4 feet apart each way. Soil should not be wet, but should have a good supply of moisture. It should be deep, with plenty of well-rotted manure. Avoid any nitrogenous food, and dress the the plants only once or twice lightly with manure water or Complete Manure. Fruit may be had several weeks earlier by sowing seed quite early and transplanting into small pots. When setting out plants, put them several inches lower in the ground than they stood in the pot, in order that they will not dry out. To obtain early Tomatoes, cut back two or three of the branches of the vines, or pinch off a few of the flowers. Later in the season stake and tie up the plants for support. Tomatoes that have not ripened at the end of the season may be taken from the vines and placed in empty coldframes or wrapped in tissue paper and carefully packed in flat boxes, where a large proportion of them will ripen from time to time, frequently until Christmas.

The varieties marked * are best for forcing.

Packets, 10c.	Oz.	¼ lb.	Lb.
Acme. Medium size; smooth and good; crimson12740	\$0.35	\$1.30	\$4.50
*Atlantic Prize. Extra early; smooth; medium scarlet; good size12750	.35	1.30	4.50
Beauty. Large; smooth; dark crimson; thick flesh; regular form12770	.35	1.15	4.00
Bonny Best. Very early; scarlet; medium to full market size; even, smooth			
and regular; valuable for home garden or market12775	.35	1.25	4.50
Buckeye State. Very large and productive; crimson; smooth, uniform; good			
quality	.35	1.25	4.50
Chalk's Early Jewel. Fine; large; solid; smooth; scarlet; similar to Stone;			
early		1.25	
Crimson Cushion. Extra large; handsome; bright crimson12830	.55	1.75	6.00



TOMATO—Continued

Packets, 10c.

Oz. ¼ 1b. Lb.



*Carter's Sunrise. Early and productive; medium-sized, bright scarlet fruits; smooth and solid; for forcing or for outdoors.

12794 \$1.00 \$3.00

Diener Tomato. Said by the introducer to be larger than any other. Dark red, solid flesh, some of the fruit weighing 3 pounds, but averaging pound each. Pkt. 10c.

13218 (Packets only)

Dwarf Champion. Quite distinct; early; fruit like the Acme; crimson; of medium size: good quality..12840

.35 1.20 4.25

*Earliana. Extra early; cardinal-s c a r l e t; smooth; plant is compact in growth.12850

.40 1.30 4.85

Golden Queen. Smooth; golden yellow; about size and form of Beauty; of good flavor and solid; fine; very early....12950 John Baer. Early; red;

.35 1.25 4.50 1.25 3.00 9.00

large; prolific. 12975 Livingston's Globe. Very early; crimson; smooth and of large size; very productive

and a good keeper.

12940

.40 1.40 5.00

Extra large; smooth and handsome; scarlet; very solid. Plant of

Perfection. Early; regular and productive; scarlet13070 Ponderosa. The largest variety in cultivation;

vigorous growth and prolific.....

Pkt. 15c.

13080

Matchless.

crimson.

\$0.50 \$1.75 \$6.00

Oz. ¼ lb. Lb.

.50 1.75 6.00

Red Rock. Exceedingly firm-fleshed; very large size, and ripens evenly without cracking. Very prolific13084
*Stirling Castle. S m a 11 size; solid; scarlet; good for forcing.13120

Stone, Thorburn's. Very large; perfectly smooth; fine dark scarlet13130
Trophy. Very solid; standard late; fine can-

ner; dark scarlet.13200 Trucker's Favorite. Crimson; large; smooth and very regular in form;

solid13210

.75 2.75 9.50

1.00

.35 1.25 4.50

1.30 4.50 .35

.35 1.25 4.50

.35 1.25 4.50



Livingston's Globe Tomato

SMALL-FRUITED TOMATOES

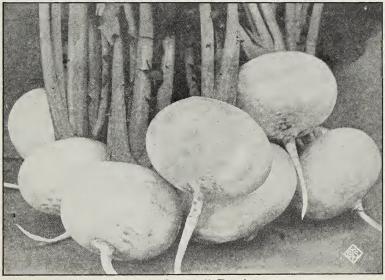
Packets, 10c.

For pickling and preserving. Also invaluable for garnishing.	Oz.	1/4 lb.
Red Cherry. Small fruits; used for pickles; very handsome	\$0.50	\$1.75
Red Peach. Resembles a peach; for preserves, pickles and exhibition13320	.50	1.75
Red Pear. Fruit handsome and solid; fine for preserves	.50	1.75
Yellow Cherry. For pickles and preserves	.50	1.75

Navone Navet **TURNIP**

Nabo Weisse-Rübe

CULTURE.—For early Turnips, sow as soon as the ground opens in spring. No. 13842 should be sown from any time in July to 1st of August, but the other kinds, for winter use, may be sown from the middle of July to the end of August. Turnips are generally sown broadcast, but much larger crops are obtained by cultivating in drills 18 inches apart and thinning to 6 inches in the drill. Sow in shallow drills, 1 pound to the acre; 1 ounce to 150 feet of drill; broadcast, 2 to 3 pounds to the acre.



Early Snowball Turnips

WHITE VARIETIES

Packets, 10c.	Oz.	¼ lb.	Lb.
Cow Horn. Long; white; in shape resembling a cow's horn13500	\$0.15	\$0.45	\$1.50
Des Vertus Marteau (Half-long White Vertus). About 6 inches long; thickest			
at the bottom; flesh white, tender, sugary; grows quickly13505	.20	.55	1.75
Early Snowball. Small; of rapid growth; pure white	.20	.55	1.75
Globe-shaped Red-Top. A standard sort in the New York market13530	.15	.45	1.50
Globe Pomeranian White. Good either for table or stock13540	.15	.45	1.50
Globe, Large White Strap-Leaf. Suitable for field culture13544	20	.55	1.75
Jersey Lily (White Model). Snow-white; globular	.20	.55	1.75
Milan, Early Purple-Crown. Earliest of all; white, with purple top 13590	.20	.55	1.75
Milan, Early Pure White. Very handsome; pure white; crisp and tender. 13600	.25	.95	3.00
Strap-Leaf, White. A good early, white flat sort	.20	.55	1.75
Strap-Leaf, Red-Top. The popular fall flat sort	.15	.45	1.50
White Egg. Oval; handsome and sweet; one of the finest for the table13680	.15	.45	1.50
YELLOW VARIETY			

.20

.60 2.00

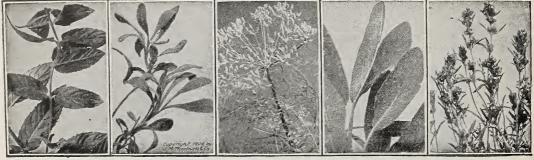
Golden Ball. Very handsome; keeps fairly well.Pkt. 10c. 13780

RUTABAGA

CULTURE.—Sow in July, thinly in rows. Cover firmly with ½ inch of fine soil. Thin plants to stand 6 inches apart in the row. Give constant cultivation during growth. Before hard freezing weather pull the roots and cut off tops. Store in cool cellar, cover with sand or soil to keep them fresh.

Packets, 10c.

		Oz.	¼ lb.	Lb.
American Purple-Top.	Yellow flesh; large, for table or stock feeding. 13842	\$0.15	\$0.35	\$1.00
Champion Purple-Top.	Very large13844	.15	.40	1.25
	family use			
Budlong White Rock.	Very early; round and white	.15	.35	1.00



Peppermint

Lavender

Sweet Fennel

Sage

Summer Savory

Angelica, Garden. For havoring wines and cakes Archangelica officinalis 14010	.103	\$0.50	
Anise. Seeds aromatic and carminativePimpinella anisum14020	.10	.40	
Balm. For culinary purposes	.10	.50	
Basil, Sweet. Culinary herb for flavoring soups,			
etc Ocimum Basilicum 14050	.10.	.40	
Basil, Dwarf or Bush. Culinary herbOcimum minimum14060	.10	.40	
Belladonna. Used for medicine	.25	1.00	
Bene. The leaves are used for dysentery Sesamum orientale 14080	.10	.40	
Borage. Leaves used as a salad	.15	.40	\$1.50
Caraway. Used in flavoring liquors and bread. Carum Carvi14100	.10	.50	
Coriander. Seeds aromatic. For sowingCoriandrum sativum14130	.10	.15	.30
Dill, Mammoth. Seeds used for flavoring vinegar14154	.10	.20	.60
Elecampane. Has tonic and expectorant qualities Inula Helenium14160	.25	2.00	
Fenel, Sweet. Seeds aromatic; for flavoring Anethum Fæniculum 14170	.10	.20	.75
Henbane. Has medicinal qualities. Poisonous. Hyoscyanus niger14220	.15	.80	
Horehound. Has medicinal qualities	.15	.35	
Lavender. True. For oil and distilled waterLavandula vera14250	.20	.75	
Marigold, Pot. Single. For medicinal purposes Calendula officinalis14280	.10	.40	
Marjoram, Sweet. Is used in seasoning Origanum Majorana14290	.25	1.50	
Mint. Peppermint	.25		
Pennyroyal. Has medicinal qualities	.25	2.00	
Rue. Said to have medicinal qualities14340	.15	.50	
Sage, Broad-leaved	.15	.50	1.75
Savory, Summer. Is used as a culinary herb Satureia hortensis14390	.10	.50	
Tansy. Generally used in bitters	.25	1.50	
Tarragon. True. Does not produce seed. Roots			
in fall and spring. 50c. each, \$4 for 10 Artemisia Dracunculus14420			
Thyme, English	.15	1.00	
Thyme, French	.20	1.00	
Wormwood. Has medicinal qualities	.10	.40	

THORBURN COLLECTIONS of VEGETABLE SEEDS

FOR GARDEN CLUBS, SCHOOLS AND INDIVIDUALS

Delivered Free Anywhere in the United States

ONE-DOLLAR Collection

Packet each Beans, Beet, Carrot, Sweet Corn, Lettuce, Onion, Parsley, Parsnip, Garden Peas, Pumpkin, Radish, Spinach, Tomato, Turnip.

14 Packets in All......

28 Packets in All.....

\$100

12 Dollar-Collections for \$10.00; 100 Collections, \$80.00

TWO-DOLLAR Collection

Packet each Beans, Beet, Broccoli, Brussels Sprouts, Cabbage, Carrot, Celery, Cress, Sweet Corn, Cucumber, Egg Plant, Endive, Kale, Leek, Lettuce, Musk Melon, Mustard, Onion, Parsley, Parsnip, Garden Peas, Pepper, Pumpkin, Radish, Spinach, Squash, Tomato, Turnip.

\$200

12 Two-Dollar Collections for \$20.00; 100 Collections for \$160.00.

FIVE-DOLLAR Collection

 ½ 1b. Beans, Dwf. Gn-pod Snap 1
 oz. Radish
 1
 pkt. I

 ½ 1b. Beans, Dwf. Wax
 1
 oz. Turnip
 1
 pkt. I

 ½ 1b. Beans, Bush Lima
 1
 pkt. Broscoli
 1
 pkt. I

 ½ 1b. Beans, Pole
 1
 pkt. Erussels Sprouts
 1
 pkt. I

 ½ 1b. Sweet Corn
 1
 pkt. Cabbage
 1
 pkt. I

 ½ 1b. Early Garden Peas
 1
 pkt. Celery
 1
 pkt. I

 ½ 1b. Main Crop Garden Peas
 1
 pkt. Celery
 1
 pkt. I
 1
 pkt. Cucumber
 1
 pkt. I
 <

1 pkt. Kohl Robi 1 pkt. Leek 1 pkt. Musk Melon 1 pkt. Mustard 1 pkt. Onion 1 pkt. Parsley 1 pkt. Parsnip 1 pkt. Pumpkin 1 pkt. Spinach 1 pkt. Squash 1 pkt. Tomato 1 pkt. Turnip

\$500

C. H. J. DIVIL OUTD DA CUIDING A

NOTE—The Packets in the above Collections are regular FULL-SIZE PACKETS of our High-grade Seeds as listed in the body of our catalog. The saving on these collections is possible for the reason that same are packed in advance of the shipping season.

Children's Collections for Distribution in Schools, Etc.

CHILD-LIFE 25¢ Garden Collection

7 Small Packets of Thorburn's High-grade Seeds, consisting of Beet, Carrot, Lettuce, Onion, Radish and Turnip in Vegetables, and Nasturtiums in Flower Seeds.

20%

One Dozen 25c Collections, \$2.40; 100 Collections, \$18.75; 1,000 Collections, \$175.

CHILD-LIFE 50¢ Garden Collection 15 Small Packets of Thorburn's High-grade Seeds, consisting of Bush Beans, Beet, Carrot, Sweet Corn, Lettuce, Onion, Parsley, Parsnip, Pumpkin, Pepper, Radish, Spinach and Turnip in Vegetable Seeds, and Nasturtiums and Virginia Stock in Flower Seeds.

50¢

One Dozen 50c. Collections, \$5.00; 100 Collections, \$40.00; 1,000 Collections, \$390.

It involves no Algebraic Problem to calculate that there can be very little if any profit in the sale of Thorburn's Child-Life Collections, considering that the best seeds are used throughout and the amount of labor necessary in their preparation. The House of Thorburn realizes that these seeds are to be used in the children's healthy outdoor Garden Education and that the younger generation of to-day constitutes the army of Garden Enthusiasts of to-morrow.

T	OB	AC	C	o s	SEED
ular	sort.	usad	for	oi car	**********

	Oz.	¼ lb.	⅓ lb.
Connecticut Seed Leaf. The popular sort; used for cigar wrappers14620	\$0.70	\$2.00	\$3.50
Gold Finder. A cross between Yellow Oronoka and White Burley14626	.75	2.50	4.00
Havana. Seed gathered for us from the celebrated plantations of the "Vuelto de			·
Abajo"14630	1.00	3.00	5.00
Hester Improved. Yellow; fine for cigars. Adapted to a greater variety of soils			
and to a wider range of latitude than most other yellow sorts14634	.75	2.50	4.00
Kentucky Yellow. Leaf of large size, handsome shape, excellent quality and of			
surprisingly fine texture, taking size into consideration	.70	2.00	3.25
Maryland. Leaves coarse in texture, but light when cured; for smoking14655	.70	2.00	3.25
Oronoka White-Stem. Plants are large, with long, medium-broad leaves of hand-			
some shape, fine texture and good body14662	.75	2.50	4.00
" Sweet. Plants of medium size; leaf is long and somewhat narrow, fine-			
grained and of sweet flavor	·75	2.50	
" Virginia. Large leaf; for wrappers and fillers14669	-75	2.50	4.00
Pennsylvania Seed-Leaf. A first-class standard cigar variety14670	1.00	3.00	5.00
Pryor, Blue. The genuine James River favorite	-75	2.50	4.00
Sumatra, Deli. Imported; the well-known sort	1.50	5.50	10.00
Turkish. Imported. Needs no description	1.50	5.50	10.00
Virginia Oak Hill Yellow. Resembles White Burley in color and Oronoka in shape			
and habit. Unsurpassed in delicacy of fiber14740	.75	2.50	4.00
Virginia James River. Good for cigar wrappers14755	1.00	3.00	5.00
White Burley, Improved. Leaf is large and broad, with yellowish white stem and			
ribs; good for fillers, wrappers and cigarettes14756	-75	2.50	4.00

BIRD SEED, Etc.

Prices of Bird Seed fluctuate considerably throughout the year. The prices now quoted are those ruling as we go to press, and may be higher or lower as the season advances. Bags and transportation charges extra.

Canary Seed, Plain.	Best grade25 lbs. \$3.50, 50 lbs. \$6.00	\$0.20
Canary Seed, Mixed.	Best grade	.20
Hemp	25 lbs. 3.50, 50 lbs. 6.00	.20
Sorghum, Mixed (Kaff	fir Corn). For pigeons, etc	.20
Lettuce Seed		.40
Millet, Golden		.12
Rape	25 lbs. 4.00, 50 lbs. 7.50	.20
Gravel for Cages	Per qt10	
Cuttlefish Bone		.75
Sunflower Seed for I	Parrots	.25

VEGETABLE PLANTS, ROOTS, Etc.

PLANTS GROWN FROM OUR OWN SEED-Add 10c. per dozen, 50c per 100,

			to cover transportation	D02.	100
Cabbage.	Ready	April	10	\$0.25	\$1.50
Cauliflower.	"	April	10	.30	1.75
Celery.	"	July	1	.20	1.35
Egg Plant.	"	May	15	.50	3.50
Kale.	"	May	15	.25	1.50
Lettuce.	"	April	.10	.25	1.50
Pepper.	"	May	15	.30	1.75
Tomato.	"	May	I	.25	1.75
Sweet Potato.	"	June	I	.20	1.35
Horse Radish I	Roots			•35	2.00
Rhubarb Roots	. 		4oc. each	4.00	34.00
Artichoke Root	ts, Jeru	ısalem		Quart \$0.35	Peck \$2.00
Asparagus Root	s		See page 5.		



GRASS SEED MIXTURES

We deliver free all Lawn Mixtures ONLY when Cash accompanies order. We reserve the right to ship via Parcel Post, Express or Freight at our option.

THE THORBURN LAWN GRASS SEED

Produces a splendid turf of a beautiful color and texture; quick growth and permanent.

1 lb. 45c., 2 lbs. 80c., 10 lbs. \$3.75, 25 lbs. \$9.00, 100 lbs. \$35.00

THORBURN'S LAWN GRASS SEED FOR THE SOUTH

This is a special mixture of grasses particularly adapted to withstand extremes of drought and heat. 1 lb. 65c., 2 lbs. \$1.20, 10 lbs. \$5.00, 25 lbs. \$12.00, 100 lbs. \$45.00.

THORBURN'S LAWN-RESTORING GRASS SEED

For reseeding of old lawns. Quickly takes hold where the grass is thin and in hard or worn spots. 1 lb. 65c., 2 lbs. \$1.20, 10 lbs. \$5.00, 25 lbs. \$12.00, 100 lbs. \$45.00.

THORBURN'S POLO AND PLAY-GROUND MIXTURE

Produces a turf of good color and texture which withstands hard wear. 10 lbs. \$4.50, 25 lbs. \$10.50, 100 lbs. \$40.00.

THORBURN'S SPECIAL SHADY MIXTURE

Adapted for shady places under trees or close to walls and hedges. 1 lb. 55c., 2 lbs. \$1.00, 10 lbs. \$4.50, 25 lbs. \$10.50, 100 lbs. \$40.00.

THORBURN'S SEASHORE MIXTURE

Specially compounded for successful sowing in sandy soil and under difficult climatic conditions, etc. 1 lb. 55c., 2 lbs. \$1.00, 10 lbs. \$4.50, 25 lbs. \$10.50, 100 lbs. \$40.00.

THORBURN'S TERRACE MIXTURE

Suitable for terraces. Compounded of grasses which take root in such a way as to prevent erosion, yet give a beautiful turf. 1 lb. 65c., 2 lbs. \$1.20, 10 lbs. \$4.50, 25 lbs. \$10.50, 100 lbs. \$40.00.

FOR LAWNS

GRASS SEED MIXTURES FOR MEADOWS AND PASTURES

It is a well-ascertained fact that thicker and more prolonged growth is produced by a mixture of many sorts of grasses than by only one or two. For every different kind and condition of soil there are grasses that are especially suitable. Some sorts do best on high ground and in dry weather; others prefer plenty of moisture. Some mature so early and others so late that from the beginning of spring until winter sets in there is no time when one species or another is not at its best. Grass Seed may be sown either early in spring or in fall, from the first of September to the middle of October; in this latitude the best time to sow meadow Grass Seed is during the late summer and early fall, that being the natural seeding time for grass. This will, of course, not give very much of a crop the following year; the grass will be fine and thick, but rather short, and not a heavy yield. The best meadows are seeded alone, without any "nurse" crop, while if seeded with rye, that crop being the stronger and quicker grower, will monopolize the ground so that it will be another year before much of a crop of grass can be had.

For over a hundred years the House of Thorburn has made a specialty of grasses. We were probably the first to introduce to this country, for commercial distribution, the many valuable natural and cultivated foreign species that now take such an important part in our agricultural economy. The formation of permanent pastures and meadows has, for many years, been a subject of careful study with us, and the Thorburn Mixtures for seeding grass-lands have received universal recognition. The quantities given are the minimum and may often be increased to advantage.

Prices f.o.b. New York and subject to market fluctuations without notice

MEADOW MIXTURES BOTH HAY AND PASTURE

For Light Soils.	100 lbs. to the acre	20 lbs. \$7.00	100 lbs. \$32.50
For Heavy Soils.	90 lbs. to the acre	7.00	32.50
For Woodland.	100 lbs. to the acre	8.00	35.00

PASTURE MIXTURES

For Light Soils.	80 lbs. to the acre	\$7.00	\$32.50
For Heavy, Wet Soils.	80 lbs. to the acre	8.00	35.00
For Woodland.	90 lbs. to the acre	8.50	40.00

If areas to be sown contain both light and heavy spots, we recommend that they be sown separately with the proper mixtures. This method is more economical than using a mixture presumed to be adapted to such a composite situation.

	If You Desire to Sow for HAY ONLY, Use			
		10 lbs.	25 lbs.	100 lbs.
TIMOTHY.	Best Grade, 20 lbs. to the acre	\$1.85	\$4.25	\$16.00

WET GROUND. We strongly recommend that wet ground be sown in late August. Such areas are usually foul with weeds and in addition are water logged in early spring, rendering it impossible to properly prepare the seed bed. The weeds crowd out the young grass and a poor stand is obtained. In August the ground is dry and warm, the weeds have finished growing, consequently the grass, which by nature grows best in the early fall, quickly establishes itself before winter.

GRASS SEEDS

INDIVIDUAL VARIETIES

The price of the best grade is often double that of the ordinary. The Grass Seeds here offered by us are in every case the VERY HIGHEST GRADE.

Weights per bushel given are not in all cases actual but those recognized by the wholesale trade as standard.

Price f. o. b New York and subject to change. Not less than 1 lb. of any one kind sold.

- AGROSTIS TENUIS (Rhode Island Bent.) Colonial Bent. The seed offered is New Zealand grown. (Bu. 16 lbs.) 1 lb. \$2.50, 10 lbs. \$24.00, 25 lbs. \$57.50, 100 lbs. \$215.00.
- AGROSTIS SPP. (South German Mixed Bent).
 Collected in the forests of Germany. (Bu. 16 lbs.) 1 lb. \$3.00, 10 lbs. \$28.50, 25 lbs. \$70.00, 100 lbs. \$260.00.
- AGROSTIS PALUSTRIS or ALBA (American Red Top.) Probably the best grass for lawn mixtures to be used along the Atlantic Seaboard. Readily adapts itself to a wide range of soils and does best under acid conditions. (Bu. 36 lbs.) Fancy Recleaned Seed. 1 lb. 45c., 10 lbs. \$4.25, 25 lbs. \$9.00, 100 lbs. \$34.00.
- BERMUDA GRASS (Cynodon Dactylon). Used in the South for lawns. Will grow on light, sandy soils or in pure sand. (Bu. 36 lbs.) 1 lb. 55c., 10 lbs. \$5.00, 25 lbs. \$12.00, 100 lbs. \$45.00.
- BLUE GRASS, CANADIAN (Poa Compressa). Sometimes used as an adulterant for Kentucky Blue Grass. Very enduring. Will stand close cropping. Prefers heavy soil, but will grow almost anywhere. (Bu. 14 lbs.) I lb. 40c., 10 lbs. \$3.75, 25 lbs. \$8.50, 100 lbs. \$33.50.
- BLUE GRASS, KENTUCKY (Poa Pratensis). Considered one of the best lawn grasses. On sweet soils it is beyond doubt the most satisfactory pasture and hay grass known. (Bu. 21 lbs.) I lb. 50c., 10 lbs. \$4.50, 25 lbs. \$11.00, 100 lbs. \$42.00.
- CREEPING BENT (South German Mixed Bent).
 See Agrostis Spp.
- CRESTED DOGSTAIL (Cynosurus Cristatus).
 (Bu. 24 lbs.) I lb. 60c., 10 lbs. \$5.75, 25 lbs.
 \$14.00, 100 lbs. \$55.00.
- CHEWING'S NEW ZEALAND FESCUE (Festuca Rubra). A creeping-rooted species which forms a close and lasting turf. (Bu. 24 lbs.) I lb. 95c., 10 lbs. \$9.25, 25 lbs. \$22.00, 100 lbs. \$85.00.
- ENGLISH or PERENNIAL RYE GRASS (Lolium Perenne). In many parts of Europe fills the same place that Timothy does in this country. In the United States, however, it is used exclusively in lawn mixtures, as it will produce an excellent lawn within a few weeks of sowing. (Bu. 28 lbs.) I lb. 30c., 10 lbs. \$2.75, 25 lbs. \$5.75, 100 lbs. \$22.00.

- HARD FESCUE (Festuca ovina duriuscula). (Bu. 20 lbs.) I lb. 75c., 10 lbs. \$7.25, 25 lbs. \$17.50, 100 lbs. \$65.00.
- ITALIAN RYE GRASS (Lolium Italicum). For practical purposes may be considered an annual recommended for winter lawns in the South to follow Bermuda grass. Good also for temporary pasture. (Bu. 24 lbs.) I lb. 30c., 10 lbs. \$2.75, 25 lbs. \$5.75, 100 lbs. \$22.00.
- MEADOW FESCUE (Festuca Pratensis). English Blue Grass. A pasture grass par excellence. Prefers deep rich soils. Very permanent. (Bu. 24 lbs.) I lb. 30c., 10 lbs. \$2.50, 25 lbs. \$6.00, 100 lbs. \$22.00.
- ORCHARD GRASS (Dactylis Glomerata). In vicinity of New York can be cut for hay June 1. Stands shade exceedingly well. It is a clump grass and should be sown heavily to insure a close stand. (Bu. 14 lbs.) 1 lb. 35c., 10 lbs. \$3.20, 25 lbs. \$7.50, 100 lbs. \$30.00.

PHLEUM PRATENSE. See Timothy.

- POA TRIVIALIS (Rough Stalk Meadow Grass). Will abide heavy shade provided situation is damp. We are now using this variety in our Shady Mixture to the exclusion of Wood Meadow Grass, as we have found the latter not suited to this climate. (Bu. 18 lbs.) 1 lb. \$1.10, 10 lbs. \$10.00, 25 lbs. \$24.50, 100 lbs. \$90.00.
- RED FESCUE (Festuca Rubra). Creeping Fescue. Native of Europe. Somewhat stoloniferous in habit. Used in this country for lawn mixtures. Care should be exercised in purchasing, as Hard or Sheep Fescue is sometimes substituted for it. (Bu. 24 lbs.) I lb. 95c., 10 lbs. \$8.75, 25 lbs. \$21.00, 100 lbs. \$80.00.
- RED TOP. See Agrostis Palustris.
- RHODE ISLAND BENT. See Agrostis Tenuis.
- ROUGH STALK MEADOW GRASS. See Poa Trivialis.
- TALL MEADOW OAT GRASS (Avena Elatior).
 One of the best grasses for permanent pastures.
 Can be cut twice each year. (Bu. 20 lbs.)
 I lb. 60c., 10 lbs. \$5.50, 25 lbs. \$13.25, 100 lbs.
 \$50.00.
- TIMOTHY (Phleum Pratense). The Standard Hay Crop of America. (Bu. 45 lbs.) 1 lb. 20c., 10 lbs. \$1.85, 25 lbs. \$4.25, 100 lbs. \$16.00.



CLOVERS



We quote present prices on Clovers f. o. b. New York as near as it is possible to offer them at, as we go to press. We shall be very glad to quote prevailing prices on all of them from time to time, and we solicit inquiries. It is understood, of course, that all are subject to market fluctuations without notice. Clover may profitably be included in your crop rotation to increase the fertility of the soil.

Bags Extra at Cost

ALFALFA, or LUCERNE (Medicago sativa). Requires deep, rich, well-drained soil, usually well limed. The tap-root descends often to a depth of 10 to 15 feet in loose soil. It is consequently capable of resisting great droughts. It should be
sown alone (about same time as oats are sown
in this section) in thoroughly prepared, deeply
plowed soil, at the rate of 20 to 25 pounds to
the acre. It may also be sown as late as August
and up to the middle of September in more south-
erly localities. The crop should be cut when
the localities. The crop should be out when
the plant is coming into bloom. In suitable soil
it is perennial, and several crops may be cut
every year. American seed. (Bu. 60 lbs.)
Lb\$0.40 25 lbs\$8.00
10 lbs 3.50 100 lbs30.00

ALFALFA, GRIMM'S. Absolutely hardy, succeeding where all others fail. Sow 20 to 25 pounds to the acre. (Bu. 60 lbs.)

Lb. \$0.85 | 25 lbs. . . . \$18.75 lo lbs. 70.00

ALSIKE, or HYBRID CLOVER (Trifolium hybridum). A perennial, 1 to 3 feet high, succeeding best in cold, stiff soils, and in marshy lands which are too wet for other species. It grows well in the Far North and in high altitudes. A good honey plant for bees. Sow 15 pounds to the acre.

Lb. \$0.40 | 25 lbs. . . . \$8.00 10 lbs. 30.00

BOKHARA CLOVER (Melilotus alba). White Blossom Sweet Clover. Valuable sort for soiling and for ensilage and bees. Grows from 3 to 5 feet high; sown in rich soil, it may be cut three times; lasts for years if cut before flowering. Sow 15 pounds to the acre.

Lb.\$0.30 | 100 lbs.....\$22.00

RED CLOVER, MEDIUM (Trifolium pratense).

One of the most valuable farm crops of the Eastern states for pasture, hay or for turning under for green manure. Sow 15 pounds to the acre.

Lb. \$0.45 | 25 lbs . . . \$9.50 to lbs 4.00 | 100 lbs 35.00

CRIMSON, or SCARLET CLOVER (Trifolium incarnatum). Erect annual, I to 2 feet high, with bright scarlet flowers. A native of southern Europe; largely grown in our Southern states for improving the soil by turning under. Will not endure severe frost and cannot be depended upon to stand the winter north of New Jersey. It is a valuable crop for pasturage or green manure. For hay, cut when in full bloom. Cattle are very fond of it. Sow 20 pounds to the acre.

WHITE CLOVER (Trifolium repens). White Clover is of dwarf habit, spreads rapidly and is very hardy. It is valuable in permanent pastures, being sweet and nutritious and forms a close herbage which stays green throughout the year. Sow in spring, 8 to 10 pounds to the acre. At the present time White Clover is extremely scarce and high.

Lb. . . . \$0.90 | 25 lbs . . . \$22.00 10 lbs 9.00 | 100 lbs 85.00



Mulford Cultures

Mulford Cultures are prepared for:

Alfalfa Crimson Clover Sweet Clover Red Clover Alsike Clover
Burr Clover
Cow Peas
Soy Beans
Peanuts

Vetch
Velvet Beans
Sweet Peas
Garden Peas
Garden Beans

Lima Beans Lespedeza Beggar Weed and others

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

PRICES: 5-Acre S	Size (Dollar per Acre)	\$5.00
1-Acre S	Size	1.50
1/4-Acre	Size	.75
Small S	Size (Supplied only in	
four	varieties, for Garden	
Peas,	Garden Beans, Lima	
Beans	and Sweet Peas)	-35

FIELD CORN

(56 pounds to the bushel.) All grown especially for seed. Prices F. O. B. New York and SUBJECT TO CHANGE WITHOUT NOTICE.

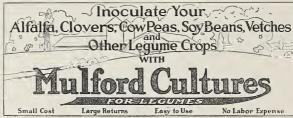
	FLII	NT V	ARIETIES	Ωŧ	Peck	Rus
CANADA EARLY YELLOW. Very KING PHILIP. Early; reddish yello LONGFELLOW (Yellow Flint). Sma SANFORD LARGE (White Flint)	w flint; ill cob a	8-rowe and larg	edge grain; popular 8-rowed variety	.25	\$1.50 1.50 1.50 1.50	\$5.00 5.50 5.00
	DEN	T V	ARIETIES			
CHAMPION WHITE PEARL. Large IOWA GOLD MINE. Dent; deep gr IOWA SILVER MINE. Large grain LEAMING EARLY. Large; deep gr	ain; rij ; dent;	pens in white o	about 90 days	.25 .25	1.50 1.50 1.50 1.50	5.00
FODDER	AND	ENS	SILAGE VARIETIES			
CUBAN GIANT ENSILAGE. Very RED-COB ENSILAGE. Abundant he VIRGINIA HORSE-TOOTH. For f EUREKA WHITE ENSILAGE. SWEEPSTAKE LUCE'S FAVORITE.	erbage; odder a	tall gr and ens	owth; fineilage	.25 .20 .20	1.50 1.50 1.10 1.10 1.50 1.50	5.00 4.00
	POP-	CORN	(Shelled)			
GOLDEN QUEEN RED BEAUTY SILVER LACE WHITE PEARL WHITE RICE				. \$	er lb. 1 0.20 .25 .20 .20	Per .00 lbs. \$18.00 22.00 18.00 18.00
			S CEREALS, Etc.	CE		
Prices for New York and	a SUB. Peck		TO CHANGE WITHOUT NOT	ICE	Peck	Bus.
BARLEY. Champion Beardless. The straw is good for green feed or, when cured, as hay. The grain in the hull is excellent poultry feed, and with hull removed is used for household purposes. Sow broadcast 2 bushels to the acre.	reck	Bus.	RYE. Sow 1½ bushels per acr (Bu. 56 lbs.) Mammoth Winter. Very strongrower, producing a large cropestraw Spring Rye. Used as a cropeturn under for green manure	g of	I.00	3.25 3.25
(Bu. 48 lbs.)	\$1.25	\$4.00	WHEAT. Winter. Sow 11/2 bush			3.43
BUCKWHEAT. Japanese. This is the best variety. Sow in June, 1½ bushels to the acre. (Bu. 48 lbs.)	1.75	6.25	els to the acre. (Bu. 60 lbs.) Red Wave. Bald; red grain		1.50	5.00
MILLET. Golden. Extra large heads. Sow I bushel per acre. (Bu. 50 lbs.)	1.25	4.00	SUDAN GRASS. Very similar Sorghum. Grows from 6 to feet high. Sow after middle May in rows 18 inches apart. pecks to acre. (Bu. 40 lbs.). 1 l 25c., 10 lbs. \$2.00, 100 lbs. \$17.50.	of 3	2.00	7.00
Japanese. Grows from 5 to 7 feet high. Sow ½ bushel to the acre. (Bu. 35 lbs.)	1.25	4.00	SUNFLOWER. Mammoth Russia One of the finest feeds for poutry. Cultivate like corn. Sow pecks to the acre. (Bu. 24 lbs.).	1. - 2	.75	2.75
Storm King. Large grain. Heavy yield	.70 .70	2.40	SORGHUM. Sow in drills at ra of 2½ pecks per acre. (Bu. 50 lbs		1.65	6.00

FOR SOIL IMPROVEMENT AND FORAGE

Prices F. O. B. New York, Subject to Change without Notice.

COWPEAS (Vigna Catjang). Sow from May to July, 2½ bushels to acre. (Bu. 60 lbs.) Valuable for hay and plowing under.	Peck	Bus.
Whippoorwill. Brown-spotted seed; makes a good growth of vine	\$1.25	\$4.00
Black Eye	1.00	3.75
CANADA FIELD PEAS. Valuable for stock feeding; also for plowing under. 3 bushels to acre. (Bu. 60 lbs.) When sown with oats, 1½ bushels to acre	1.25	4.00
RAPE, DWARF ESSEX (Brassica Napus). Excellent for pasturing cattle. Sow from May to July in drills 5 pounds to acre. Broadcast 10 pounds to acre. (Bu. 50 lbs.) 1 lb. 25c., 10 lbs. \$1.75, 100 lbs. \$12.50	2.00	7.50
SPRING VETCH (Vicia Sativa). Sow broadcast in early spring, 2 bushels to acre, with oats 1 bushel. (Bu. 60 lbs.) 1 lb. 20c., 10 lbs. \$1.60, 100 lbs. \$12.50	2.00	7.50
WINTER VETCH (Vicia villosa). Can be sown in spring or fall. Mix with Rye to give support to vines. Does well on poor light soils, preventing erosion, and adds to fertility of land. Considered by many as superior to clover as a soil enricher. (Bu. 60 lbs.) I lb. 30c., 10 lbs. \$2.75, 100 lbs. \$25.00	4.00	15.00
SOY BEANS (Glycine Hispida). Fine for hog pasturage; sometimes mixed with cowpeas for green manure. If sown alone in drills $2\frac{1}{2}$ inches apart, use 3 pecks per acre. Broadcast $1\frac{1}{2}$ bushel to acre.		
Mammoth Yellow. (Bu. 60 lbs.)	1.00	3.75



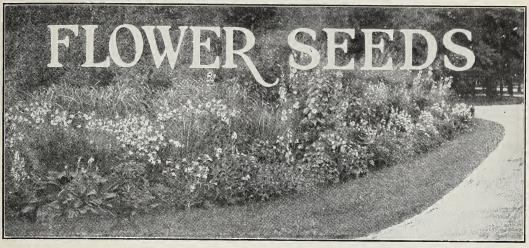




COTTON FOR SEED PURPOSES

			An improved (Bu. 40 lbs.).				
TRICE.	Verv early.	Big ball.	Staple 1 inch.	Disease	resistant	 	15.00

VARIETIES NOT LISTED IN CATALOG We continue to carry in smaller quantity many items which have more or less dropped out of popular regard. If wanted, these should be ordered by name. Cash is promptly refunded for varieties ordered, when we are unable to supply.



We have unquestionably the largest assortment of Flower Seeds in America, and our strains are far superior to those commonly sold, often under fancy names and at fictitious prices. We avoid extravagant descriptions, meant only to effect sales.

Flower Seeds Delivered Free in the U. S. on Receipt of the Stated Price.

EXPLANATION OF SIGNS EMPLOYED IN THIS LIST

The Asterisk (*) designates ornamental-leaved plants. This mark (‡) prefixed indicates the climbers.

A represents Annual—lasting but one year.

B "Biennial—lasting two years.

P " Perennal—lasting two years.
P

years.
E "Evergreen—retains foliage the en-

S represents Shrubs—plants of bushy habit.
g "greenhouse plants.
Bu "bulbous plants.

As a large number of Biennials and Perennials, if sown early, flower the first season from seed, this distinguishing mark (†) is affixed to such.

The hardiness is denoted by the following abbreviations, but it should be understood that this is intended to apply to the climate of the Middle Atlantic States. Farther North or South, these designations apply only in a comparative way.

The letter h represents hardy—plants for open border; hh represents half-hardy—plants that require to be forwarded in pots or frames; t represents tender—requiring protection.

Customers will find it more convenient to order by number, as indicated opposite each item.

GENERAL CULTURAL INFORMATION

Flower seeds are usually divided into Annuals, those living one year; Biennials, those living two years, and usually not flowering until the second year; and Perennials, those living from year to year. Annuals may be made to flower much earlier and many Biennials and Perennials may be made to flower the first year by starting early in hotbeds or in a window in the house.

For starting in the house, take shallow boxes about 3 inches in depth and bore half-inch holes in the boxes for drainage. Fill the box full of one-third good loam or garden soil, one-third Humus, which we supply in convenient quantities (or leaf mold will do), and one-third well-rotted manure, mixed thoroughly together and sifted through a fine sieve. Press lightly and sow seed on top of the soil, and cover lightly, pressing the earth lightly with a board. A good rule for covering seed in the house is to cover seed three times its own depth. But some seeds, such as Celosia, must not be covered even as much as this. Fine seeds like Petunia should be sown on top of the ground and just pressed in with the hand, watered with a fine spray and covered with glass until they come up; then the glass should be removed. Be careful not to water the young plants too much, as it will cause them to damp off. Very little moisture is necessary at the start.

When the young plants are well out of the seed-leaf, they must be transplanted into boxes, setting them about I inch apart, or they may be transplanted into small pots.



Celosia plumosa

FLOWER SEEDS—GENERAL CULTURAL INFORMATION, Continued

Transplant to the garden when the ground warms up to assure safety of the plants.

In sowing in the open ground, have the seed-bed well pulverized and cover the seeds from 5 to 8 times the size of the seeds, and press the ground lightly over them to preserve the moisture.

—If permission is given us to substitute, we shall use our best judgment in sending equally good sorts for those originally ordered, or a memorandum will be kept of any items not sent and the seeds will be forwarded as soon as they arrive.

ABRONIA

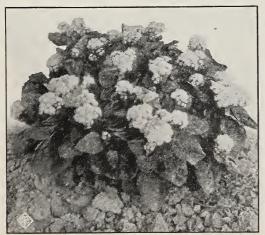
ABUTILON

Mixed Hybrids. (Chinese Bellflower; Flowering Maple.) Greenhouse shrub of easy culture; continuous bloomer; bell-shaped flowers; for house or garden. Grows 3 to 4 ft. high. ½2 oz. \$1.00..........55050 25

ACACIA (Tassel Tree)

Beautiful greenhouse shrubs; elegant foliage, graceful branches, and fine racemes of richly scented, yellow flowers. Soak the seeds in hot water before sowing, then plant in sandy peat at 55 to 60 degrees.

		T Tree
Baileyana.	6 to 10 ft	15
dealbata.	4 ft 55130	15
Fine Mixe	d55290	10



Ageratum

ACHILLEA

Ptarmica, Double, "The Pearl." Free-blooming, hardy perennial. The pure white flowers are borne in clusters on long stems. Fine for florists for cut-flowers. Succeeds well in any common garden soil; blooms all summer and fall. 1½ ft. ½ oz. \$2.00.

ACONITUM

ACROCLINIUM

Showy, half-hardy annuals for the summer garden, with Everlasting flowers, which are much used for winter decorations. Flower-heads, to be preserved, should be gathered when young. I ft.

roseum.	Rose55430	10
"	Mixed55470	10
"	Double Rose55490	10
"	Double Mixed 55530	70

ADONIS

AGERATUM

For strengthening the garden's color-forces in blue, no annual is so good as the Ageratum. Though ordinarily used in bedding and borders, in contrast with such plants as geraniums, perillas, etc., the rose, white and blue sorts are exceedingly attractive when mingled with alyssum, candytuft, etc. They grow well almost anywhere and bloom the whole season. The dwarf blue sorts make fine borders. Sow under glass early in the season or later, outdoors in a mel-

AGERATUM—Continued low seed-bed. Seeds sown in August will I duce good plants for winter flowering.	oro- Pkt.
Blue Perfection. Fine dwarf variety, with large flowers. 9 in. 1/4 oz. 50c55740	10
Imperial Dwarf White. Excellent for edgings. 9 in55780	10
Little Dorrit. Azure-blue. Plants 6 in. high, 1 ft. wide. 1/4 oz. 50c	10
Little Blue Star. Bright blue flowers, fine for carpet bedding. 5 in55810	25
Swanley Blue. A fine, large-flowered sort. 1 ft	10
Fine Mixed. 1/4 oz. 4oc	10
A CDOCTERARA	

AGROSTEMMA All of easiest cultivation, blooming during sum-

mer and autumn. "The Rose of Heaven" is y free-flowering and fine for cut-flowers.	ery
"Rose Campion" is excellent for naturalizing	
dry situations.	Pkt.
Coeli-rosa (Rose of Heaven). hA. Rose. 1½ ft	
†coronaria (Rose Campion). hP55880	10
† " Mixed. hP. 2 ft55910	10

*AMARANTHUS

Rose.

...55920 to

†Flos-Jovis (Flower of Jove). hP.

I ft.....

Strong-growing, highly ornamental tender annuals. The Tricolor varieties are very valuable for bedding, having elegant, ornamental foliage, variegated crimson, yellow and green; also well adapted for growing in pots. Of easy culture, doing best in rich loam soil. For best results sow in hotbed in April and plant out the end of May. Please note that seed saved from the finest sorts frequently produces inferior plants.

*bicolor ruber. Red. 2 ft56150	IC
*cruentus (Prince's Feather). Dark red. 3 ft56160	IC
*caudatus (Love-Lies-Bleeding). Dark red. 3 ft. Oz. 30c	10
*tricolor (Joseph's Coat). Variegated. 2½ ft. ¼ oz. 30c., oz. \$1.0056220	
*Fine Mixed. 1/4 oz. 20c., oz. 60c56250	IC

ANCHUSA

Both the annuals and perennials of this attractive
plant succeed well in the garden border. Fine
for cut-flowers and bouquets.
Pkt.
capensis (Cape Forget-Me-Not). hhA. Azure-
blue. 1½ ft56330 10
italica, Dropmore variety. hP. Blue. 3 ft.
italica, Diopinoie variety. If. Diuc. 3 1t.



Alyssum maritimum

ALYSSUM

Most popular, free-blooming annual; suitable for borders, baskets, pots, rockwork, and for cutting. In the garden sow thickly so as to form masses, early in spring or even the previous autumn. For winter bloom sow late in August and thin the seedlings to about a dozen for a good-sized basket. Cut back after the first flowers fade and others will come.

maritimum (Sweet Alyssum). hA. Fragrant white flowers, in clusters, all summer. I ft.	Pkt
Oz. 6oc 56050	10
compactum lilacinum (Lilac Queen)56055	10
" Little Gem. Grows erect. 6 in.	
$\frac{1}{4}$ oz. 25c., oz. 75c 56060	10

procumbens,	White Ca	rpet. Of	trailing
habit, formir			
oz. \$1.00			56070 10
and I I In	. 37	1 (

		arf and com-
		3 in. 1/4 oz.
30c., oz.	\$1.00	 56080
	,	

10

15

10

saxatile coi	npactum (Gold Dust)	. hP. Single
plants co	ver a squa	are foot in	a year and
produce	hundreds 🧸	of vellow	flower-heads.
			56090

ANAGALLIS

	Mixed (
hardy an	nuals of easy	culture; fir	ne for bor-
ders or	rockwork; c	ontinuously	in bloom.
6 in			56300

ANEMONE

(Windflower.) Free-flowering, hardy peren-
nials, producing large cup-shaped flowers.
Invaluable for cutting; require rich, deep
soil. I to 2 ft.
coronaria Caen. Mixed 56370

56340

The Aster will thrive in any soil, from a light sand to a heavy clay. Cover seed with ½ inch of soil. If the soil is too poor, add a good supply of Ground Bone, mixing

thoroughly.

Seed sown in the open ground in May will produce plants that will bloom finely in September and October. When the plants have three or four leaves, transplant, 12 to 18 inches apart each way, into well-prepared beds. Never allow a crust to form, as it prevents the air from entering the soil and allows the moisture to escape rapidly. If watering is necessary, give the plants a good soaking-do not merely sprinkle them.

For July and August flowers, sow in March or April in the coldframe, spent hotbed, or in pots and boxes indoors. Water thoroughly when necessary, and allow surface to become dry before water-

ing again. Transplant as directed above.

Many of our customers have complained that the listing of Asters is too confusing. We have, therefore, simplified our list as much as possible. As we have taken extreme care to stock only the very best strains, you may be assured of satisfactory blooms.

ALL PACKETS 10c.

AMERICAN BEAUTY

L		

The Giant Branching type with large full fl	owers
and incurved petals, borne on stout stems.	Most
desirable for cutting.	¼ oz.
Lavender50110	\$1.25
Azure Blue50115	1.25
Purple50120	1.00
September (Shell Pink)50130	1.25
Rose50140	1.25
Mixed50141	1.00
Collection of 5 colors as above. (5 pkts.	
45c.)	

BRANCHING, or INVINCIBLE

Forms broad bushes, with large, long-petaled flow-

ers, graceful and feathery in effect; excelle	nt for
cut-flowers. 2½ ft.	1/4 Cz.
Crimson50145	\$0.50
Flesh Pink (Mary Semple)50147	.50
Lavender	.50
Dark Blue50152	.50
Purple50158	.50
Rose50160	.50
White50165	.50
Mixed50170	.40
Collection of 7 colors as above. (7 pkts.	•
6oc.) 50180	
HEART OF FRANCE. Beautiful rich, ruby	
red	1.25
SENSATION. The reddest Aster of all.	-1-3

CREGO GIANT, COMET or OSTRICH PLUME

Flowers large and finely formed. 50220

Midseason Petals wavily reflected, curled and twisted; flowers 1/4 oz. \$1.00 Light Blue.....50275 1.00 Crimson50280 Purple50282 T.OO P.00 1.00 White50295 1.00 Mixed50300 T.OO Collection of 7 colors as above. (7 pkts.

KING, or RAY

Produces showy flowers on long stem		
are very large, with long, narrow	petals;	strong
grower.		¼ oz.
Crimson	.50640	\$1.25
Lavender	.50642	1.25
Pink	.50644	1.25
Azure Blue	.50645	1.25
Rose	.50646	1.25
Violet	.50648	1.25
White	.50650	1.25
Mixed	.50652	1.10
Collection of 7 colors as above.	(7 pkts.	
65c.)	.50660	

OHEEN OF THE MARKET

QUEEN OF THE MARKET	
Early	
The best very early Aster, growing not o	ver 1
foot high; excellent for bouquets.	¼ oz.
Dark Blue50725	\$0.50
Light Blue50730	.50
Crimson50735	.50
Rose50740	.50
Scarlet50745	.50
White50755	.50
Mixed50760	.50
Collection of 6 colors as above. (6 pkts.	
50c.)	

MIXED QUILLED51130 SINGLE FLOWERING VARIETIES

SINGEL LEG WEIGHT		
Dark Blue		¼ oz.
Dark Blue	.51132	\$1.00
Lavender	.51134	1.00
Marshal Joffre, Scarlet	.51136	1.00
		1.00
		1.00
Lavender Marshal Joffre, Scarlet White Mixed	.51136 .51138	1.00

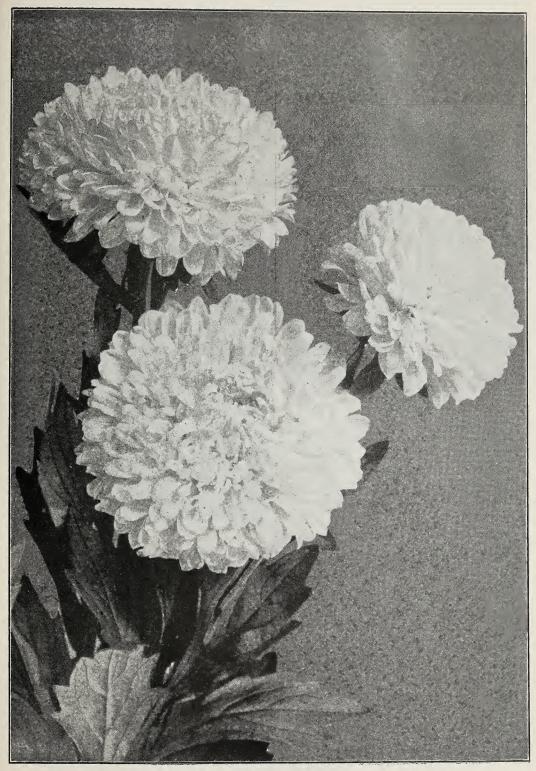
PERENNIAL ASTERS

Hardy perennials of much beauty in the autumn days. Less showy than the Chrysanthemum, they are more refined in color and form. Easy to cultivate and fine for cutting.

All Sorts Mixed. Extra fine, from a splen-did collection; sown early in spring, they will flower the same year..51150 \$1.00

All Packets of Asters, 10c.

1.25



Aster, Queen of the Market



Aquilegia, Long-spurred

AQUILEGIA (Columbine)

Few hardy perennials are so easily grown from seed, and give such unalloyed satisfaction. A most desirable border plant. It forms large clumps, blooms early, long and abundantly, is useful for cutting and elegant in habit. Sow seed in the open ground in spring, preferably where the plants are to grow, and thin to about a foot apart. Sow in the fall for flowering the following season. They thrive well under ordinary garden culture, but such rare sorts as A. cærulea and A. chrysantha do best in partially shaded, well-drained nooks.

	Pkt.
californica hybrida. Orange-red and yellow; splendid. 2 ft. 1/8 oz. 6oc56500	15
canadensis. Scarlet and yellow; for shade. 1½ ft. ½ oz. 50c56510	
-humanaha Caldan wallows Assessed laure	
chrysantha. Golden yellow; flowers large, long-spurred. 3 ft. ½ oz. 60c56520	
caerulea (Rocky Mountain Blue Columbine).	
Sepals blue, petals white. 3 ft. 1/8 oz. \$1.00.	
56530	
Long-spurred Hybrids, Extra Choice Mixed.	
5 pkts. \$1.00	25
vulgaris, Double Mixed. Best colors56620	10
" Single Mixed. Many good sorts.	
¹ / ₈ oz. 50c 56630	
ANTIRRHINUM. See Snapdragon.	

ANTHEMIS

Produces daisy-like, golden yellow flowers all summer; fine for cutting.

Kelwayi tinctoria. hP. Fine, large flowers on good stems. 2 ft. 1/4 oz. 60c.....56460 10

ARABIS

An early-flowering, hardy perennial especially suited for edgings and rockwork, becoming a sheet of white bloom in early spring. Grows about 6 inches in height; of easiest culture.

Pkt.



Arctotis Grandis

ARCTOTIS (African Daisy)

grandis. White and lilac. The large, daisylike blooms of this fine hardy annual are excellent for cutting. 2 ft. 1/8 oz. 40c.

‡ARISTOLOCHIA

Sipho. hP. The "Dutchman's Pipe" Vine.

ASPARAGUS

Beautiful, fern-like foliage; fine for bouquets; an excellent house plant; white flowers.

plumosus nanus. gP. The dwarf variety so largely used by florists. 100 seeds \$1.00.

56860

Sprengeri. gP. Fine for basketwork and for use with cut-flowers. 1/8 oz. 50c....56890 15

ASPERULA

Sweet-scented, pretty plants for borders or rockwork; succeed finely in shady places; continuously in bloom. r ft.

ASTERS. See page 48.

AUBRIETIA

hP. Trailers for beds, rockwork, or herbaceous borders; resemble alyssum.

deltoidea. Lilac; very pretty......56960 15

BACHELOR'S BUTTON. See Centaurea and Gomphrena.

AURICULA (Primula auricula)

Finest Mixed. hP. Beautiful shades of color.

These early spring-blooming garden Primroses are great favorites. 6 in......57020 25

BALLOON VINE

(Cardiospermum.) A pretty and fast-growing, half-hardy annual climber, with white blossoms. 10 ft. ½ oz. 20c., oz. 60c....57080 10

BALSAM

(Lady's Slipper.) These favorite half-hardy annuals are of the easiest culture, but love hot sun, rich soil and plenty of water. The young plants are quick, sure growers, and, from seed sown in the open ground in May, soon form handsome bushes thickly massed with large, roselike flowers. Transplanting two or three times has a tendency to dwarf the plants into better shape and to make the flowers more double. Balsams are not often given room for perfect development; they will easily cover 12 to 18 inches of space each way. For the finest flowers choice seed is more than usually essential. We offer only the finest double sorts. 1½ ft.

CAMELLIA-FLOWERED. Flowers of extra size, double, and full centered, with reflexed petals. The plant grows rapidly to a good height and is extremely floriferous.

Camellia-flowered, Crimson. Oz. \$1.00.57167 10

White. Oz. \$1.00...57170 10

" Lilac. Oz. \$1.00.....57172 10

" Light Pink. Oz. \$1.00.57174 10

" Mixed. Best colors. Oz. \$1.00.

BALSAM APPLE. See Momordica.



Camellia-flowered Balsam

BARTONIA

aurea. Golden yellow. Beautiful hardy annuals that bloom all season; very fragrant in the evening. 3 ft. 1/4 oz. 50c....57300 10

BEGONIA

gP. Begonias are invaluable for growing in beds and borders; also for pot culture, being perfect in habit, with very handsome foliage. Average height about 1 foot. The tuberous-rooted varieties produce gorgeous effects in the garden and are one of our best summer-blooming plants. The seeds of all varieties should be started early.

Single, Tuberous-Rooted, Mixed.....57420 25

Double Tuberous-Rooted, Mixed.....57430 25

gracilis luminosa. Dark scarlet; reddish

semperflorens rosea, Fibrous-Rooted. Rosecolored flowers; fine for edging57500 25 " alba. White flowers, borne in

profusion57510

Vernon. Red; for borders.

57540 25 Mixed57570 25

BELLIS perennis. See Daisy.

*BOCCONIA japonica

A very ornamental, hardy perennial; fine in large beds; flowers white. 6 ft. 1/4 oz. 50c. 57650 10

BRACHYCOME

The well-known "Swan-River Daisy" is a beautiful, little, half-hardy annual; blooms all summer; fine for edgings and borders. Should be started in hotbed. I ft.

iberidifolia. Mixed.......57740 10

BROWALLIA

(Amethyst.) Half-hardy, profuse-blooming annual, highly prized for summer bedding or as greenhouse plants. Fine for cutting. 2 ft.

CALCEOLARIA

The seeds are very small, and should be sown in the greenhouse on the surface of shallow boxes filled with a light, sandy soil, which has been sifted. Sow moderately thick in rows on the surface and cover very lightly with sifted sphagnum moss, cocoanut waste or very light soil. Press the soil firmly on the seed. The watering should be done carefully; an atomizer or brush is best. To retain the moisture the box may be covered with a pane of glass, which must be removed as soon as plants appear. Soil should be light and rich.

CALENDULA

Hardy annuals about I foot high. Sow in the open early in spring and the plants will bloom early in summer. The striking orange, red and yellow blooms are very effective and attractive, growing on stout, long stems. Excellent for cutting and produced in great profusion until late in autumn.

Officinalis fl.-pl. grandiflora (Orange King).

Double; large-flowered; deep orange. ¼ 0z. 50c.....58160 15

"Sulphur Crown. ¼ 0z. 25c..58175 10

"Meteor. Creamy center, edged with orange; fine for cutting. Oz. 25c.......58190 10

"Prince of Orange. Glittering orange and yellow. One of the best. ¼ 0z. 25c......58200 10

pluvialis (Cape Marigold). White or ivory.

Mixed. Oz. 25c....

See, also, Marigold.



Calendula Officinalis

CALLIOPSIS

This hardy annual is another of the garden's great forces in yellow, strengthened with rich redmaroons and browns. Sow in open ground in spring, and, in thinning or transplanting, give the plants plenty of room to spread. Their tall, slender habit makes neat staking and tying necessary. Fine for cutting.

COREOPSIS

(Perennial Calliopsis). One of our finest hardy perennials; blooms practically all summer; fine for borders and groups.

10

58220

.....58240



Calliopsis

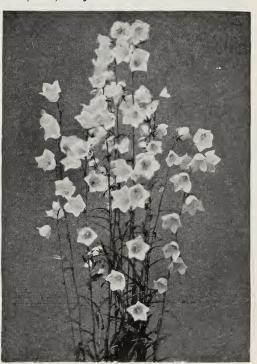
CAMPANULA

(Canterbury Bells.) Popular and beautiful are Campanulas. Although the Canterbury Bells are biennials, they may also be treated as annuals, and will flower the first year from seed, if sown early in the spring. For effect in the border, plant them in clumps of separate colors, and they are beautiful when massed. The perennial varieties, treated as perennials, will flower most profusely by mid-summer. The tall and stately growing kinds will be found of great value for the border, while the dwarf sorts make charming rock and edging plants. All the varieties like a rich, sandy soil with good drainage.

drainage.	Pkt.
carpatica. hP. Deep blue; for rockeries,	
beds and edgings. 6 in. 1/4	
oz. 75c58530	15
" alba. Flowers white. 6 in.58540	15
Medium, Single Blue (Canterbury Bells). hB.	_
Blooms first year if sown early.	
2 ft. ¼ oz. 50c58560	10
" Single White. Pretty for contrasts.	
¹ / ₄ oz. 50c	10
" Single Rose. 1/4 oz. 50c58580	10
" Single Mixed. 1/4 oz. 50c58600	10
" Double Blue. Rich, heavy, curious	
flowers through summer and fall.	
58610	15
" Double White. Waxy appearance.	
58620	15
" Double Rose58630	15
" Double Mixed. 1/4 oz. 75c58640	15
" calycanthema (Cup-and-Saucer).	
hB. Blue; symmetrical; often has	
35 to 40 flowers open at same time	
on a single plant; for pots or bor-	
ders. 2 ft58650	15
calycantnema alba. A willte-now-	
ered variety of the above. 1/4 oz.	

\$1,0058660

CAMPANULA—Continued	
Madium admonthers was Day A	Pkt.
Medium, calycanthema rosea. Rose. A very	
fine sort, ¼ oz. \$1.0058670 " calycanthema, Mixed. Shades of	15
blue and white. ½ oz. 75c58680	
" Prize Mixture of all colors, Single	10
and Double and Calycanthemas;	
an unequaled strain58700	15
persicifolia grandiflora, Blue. hP. Superb	
large flowers and long, narrow,	
peach-like foliage. For finest	
effect plant the blue and white	
varieties together. 2 to 4 ft.	
June and July. ¼ oz. \$1.50.	
58770	15
" grandiflora alba. A white-flow-	
ered variety of the above, grow-	
ing to the same height. 1/4 oz.	
\$1.5058780	15
" grandiflora, Fine Mixed58790	15
pyramidalis (Chimney Bellflower). hhP. Spikes	
3 to 4 feet tall, erect, pyra-	
midal; large blue flowers;	
blooms in late summer and au-	
tumn. ½ oz. 75c58800	
" alba. White. 1/4 oz. 75c58810	
" Mixed. 1/4 oz. 75c58815	
See, also, Platycodon.	15
see, also, i latycodon.	



Campanula Persicifolia

CANARY-BIRD FLOWER

(Tropæolum canariense.) Also known as Canary Creeper. Fine, half-hardy annual; yellow flowers. 10 ft. 1/4 oz. 50c....58860 10





Hyacinth-flowered Candytuft

CANDYTUFT

The Candytufts are among our best (Iberis.) hardy annuals for edgings, bedding, massing or rockeries, and for cutting. Several of the vari-eties are fragrant, and all are profuse in bloom. Sow outdoors in April, and thin well when the plants grow about an inch. Sow again in a month, and late in July for fall flowers. Give rich soil and water freely. coronaria (Rocket Candytuft). Of candelabra form; flowers in upright spikes. Oz. 75c......**58880** Empress. White. I ft. flowers borne in large trusses. Small, white, fragrant. Oz. 75c. odorata. 58900 Purple. 1 ft. Oz. 75c....58905 umbellata. carminea. Carmine. 1 ft. . 58910 " carnea. Flesh colored. 58915 Dunnettii. Dark crimson. 1 ft. IO Mixed. Oz. 50c......58938 Mixed Annual Sorts. Oz. 50c......58940 PERENNIAL CANDYTUFT. Hardy evergreen plants, making a magnificent showing the second year from seed. They bloom very early, cushioning rock ledges, borders, etc., with banks of bloom. Sow outdoors in spring or fall in any

sempervirens. White flowers remain fresh

nearly a month. 1 ft. 1/4 oz. 75c....58990

sunny place.

CARNATIONS

(Dianthus Caryophyllus.) The splendid Carnation of the florist is a very interesting plant to grow from seed, and it is not over-exacting. Sown under glass in early spring, or later in the open ground, the plants will flower finely the second summer. For largest, richest flowers we recommend culture in pots of rich soil. With many they are also garden favorites, and, grown in this way, flowers of good quality may be enjoyed all summer if given plenty of water, good soil and a mulch about their roots. With the tall varieties, staking and tying are necessary. Young plants are perfectly hardy outdoors, but when two or three years old they are injured by winter cold, so that sowings should be made every year.

MARGARET CARNATIONS are an extra-vigorous race, especially adapted for outdoor culture. They are very neat in habit and remarkable for their rich profusion of flowers, produced five months from sowing. Satisfactorily grown as annuals from seed every spring.

Giant Margaret. Malmaison Strain. Extra large and perfect, flowering in a rich variety of colors; 80 per cent of the flowers generally come double. A splendid sort for cut-

PERPETUAL CARNATIONS. This race has large, elegantly formed flowers, continually abloom, upon closely branched, symmetrical plants, often called, from their neat habit, Tree

Chabaud Perpetual Double. Mixed-Yellow, Red, White, etc. Blooms in six months.

Marie Chabaud. Pure canary-yellow; the most beautiful and most fragrant yellow.

Jeanne Dionis. Enormous flowers of the purest white and most perfect form....59190

BORDER CARNATIONS, etc. We invite attention to the splendid varieties below.

Red Grenadine, Double. Brilliant scarlet.

Early Dwarf Vienna, Double Mixed. Fine for garden culture and for cutting. 59290 15 Double Mixed......59370

THORBURN'S PERPETUAL **CARNATIONS**

See Colored Plate

FOR ELEGANCE OF FORM and perfection in coloring, these lovely out-door flowers outrival the choicest production of the greenhouse. Sown early they produce flowers the first year, and given a little protection over winter, they are a source of perpetual delight.

(59240)Packets 50c. 3 Packets \$1.25



*CANNA

(Indian Shot). hhP. Beautiful, ornamental foliage and large, brilliant flowers. Much employed in subtropical gardening, groups on lawns and mixed flower-beds. Soak the seed before planting. 4 ft.

indica, Fine Mixed 59035 10

CASSIA artemisioides

(Senna). gP. A very pretty shrub, with finely cut, silvery foliage and yellow flowers; sweet-scented ..

CASTOR-OIL PLANT. See Ricinus.

CELOSIA (Cockscomb)

CRISTATA. An annual of easy culture, most effective in the border. Transplanting into a rich soil about the time the combs begin to form makes the flower-heads much larger and they last from midsummer until frost.

Glasgow Prize. Dark leaves and crimson combs; fine for solid beds and for edgings,

Dwarf Bright Red. A miniature plant, with enormous combs of intense bright red. 1/4 oz. \$1.00..59530 Dark Yellow. Yellow combs.

1/4 oz. \$1.00..59550 Mixed. Extra-large combs in all

the preceding colors. 1/4 oz. 75c. 59570 10

Tall Crimson. 1/4 oz. \$1.00......59572 10 Mixed. Very fine. 1/4 oz. 75c. . 59575

Pyramidalis Nana Compacta. New feathered type, very dwarf, compact and robust, growing to a height of 6 to 8 inches. Spikes are a beautiful cerise of very fine form. Suitable for edging or bedding purposes. An excellent variety for hothouse or conservatory uses......59510

PLUMOSA (Plumed or Ostrich-feather). Beautiful annual foliage plants, blooming in late summer and autumn, and producing large, showy plumes, curled and curved, much resembling ostrich feathers. For beds and borders. 2 to 3 ft.

Ostrich-Feather, Crimson. $\frac{1}{4}$ oz. 59590 10 " Finest Mixed. 1/4 oz. 50c.59605 IO

" Orange. 1/4 oz. 50c.....59600

Rainbow. A magnificent strain of perfect habit, carrying enormous plumes from pale rose to deepest crimson and old gold. 1/4 oz. \$1.00..59580

Pride of Castle Gould. Compact, feathery plumes. In shades of blood-reds, carmines, yellow and orange......59620

Thompsonii magnifica, Mixed. Superb assortment of the plumed varieties. 1/4 oz. 75c. . 59640

Pompon (Chinese Woolflower). Brilliant scarlet; quite distinct......59680



Rainbow Celosia

CENTAUREA

The popular Cornflower, Centaurea Cyanus, is also known as Blue Bottle, Ragged Sailor, and sometimes as Bachelor's Button. Bright-flowered plants of the hardiest nature and simplest culture, among the most attractive and graceful of all the old-fashioned flowers. The perennial sorts increase rapidly and bloom profusely.

PERENNIAL FLOWERING. A dry, sandy soil of moderate fertility seems to suit them best, keeping up a profusion of bloom all summer.

Large-flowered perennial Cornflower59725 10 alba. White......59730 20

PERENNIAL, SILVER-LEAVED. These are used for borders or edgings, and thrive anywhere. Flowers white, leaves grayish; half hardy. 1 ft.

candidissima. Silvery white leaves. . 59740 10 gymnocarpa. Silvery white, small leaves.

HARDY ANNUALS. Flower finest in full sun and thin soil. Sow in open ground in spring. 11/2 to 2 ft.

Large, lilac-purple flowers; americana. bushy plants; very fine; constant and profuse bloomer59780

alba. Pure white 59785 15



Centaurea

CENTAUREA—Continued

imperialis (Giant). A hardy annual of great beauty. The fluffy flowers, borne on long, stiff stems-yellow, purple, lilac, rose and white in color—are very beautiful. They are splendid for cutting.

		Pkt.
"	White. Very large-flowered, hardy,	2. 1101
	and floriferous59790	15
"	Purple. Beautiful, velvety purple.	
	1/4 oz. 50c	15
"	Lilac. Very large-flowered; hardy;	_
	the same as the white, except in	
	color. 1/4 oz. 50c59810	15
44	Rose. Charming, glowing rose.	
	1/4 oz. 50c59818	15
"	Mixed. Very large-flowered; hardy.	- 5
	1/4 oz. 50c	10
_		10
Cyanus		
	fashioned flowers, blooming pro-	
	fusely all summer; borne on long,	
	stiff stems, and fine for cutting.	
	1 to 2 ft. 1/4 oz. 75c59970	15
"	Emperor William. Blue, one of the	
	finest of all Cornflowers, and much	
	used for cutting. 1/4 oz. 4oc59980	15
"	Double Blue. 1/4 oz. 75c 59985	15
"	Rose. Distinct shade; flowers borne	_
	on long stems; good for cutting.	
	½ oz. 75c60010	15
"	Pure White. Very fine60030	15
)

CERASTIUM

(Snow-in-Summer.) Pretty, silver-leaved, trailing, hardy perennials; fine edging plants, also for rockeries. 6 in.

tomentosum. White................60190 15

CHRYSANTHEMUM

Do not confound these annuals with the winterflowering sorts of the florists. They bloom profusely from early summer until frost, and, when grown in large beds or masses, their bright colors make a splendid show. The plants can be brought into bloom early by sowing the seeds in frames or window-boxes, and afterwards transplanting to the garden; or seed may be sown where the plants are to flower, if the seedlings are thinned to 8 to 10 inches apart. Pinching back in early growth makes the plants bushy and shapely. Average height, I to 11/2 ft.

		Pkt.	
coronarium,	Double sulphureum. Pale	yel-	
	low6	0370 10	
"	Double Yellow. Golden ye	llow;	
	splendid6	0390 10	
"	Double White6	0410 ro	
"	Double Mixed. Yellow, v	vhite,	
	etc. ½ oz. 35c6	0430 10	
twiceles T	he tricolor corte have heaut	ful rings	

The tricolor sorts have beautiful rings and eyes of various colors, and are distinctively handsome, with long stems.

Burridgeanum. Crimson-maroon, with white edge and inner circle; brilliant and showy.

Golden Feather. Foliage rich yellow; flowers bright red and white on long stems.....60470 Yellow60500



Annual Chyrsanthemum

10

IO

CHRYS.	ANTHEMUM—Continued	Pkt.
tricolor	Single Mixed. All colors. 1/4 oz.	I Mt.
tricolor,	50c	15
"	Double Golden (Dunnettii). 60530	15
+6	Double White (Dunnettii) 60540	15
4.6	Double hybridum, Mixed (Dun-	
	netti). 1/4 oz. 40c60550	10
+6	Morning Star. Single. Delicate	
	sulphur-colored blossoms; very	
	pretty. Equally good as a single	
	plant, or grown in masses in beds	
	or borders, as a cut-flower60372	15
4.6	Sultan. Crimson, with gold ring	
	near center60376	15
4.6	W. E. Gladstone. Crimson and	
	violet	15
Laucanth	nemum (Shasta Daisy). hP. Extra-	
large:	pure white petals and brilliant, golden	
yellow	center. 2 to 2½ ft60630	10
•		
	TAX TYANDENDERS (DIT 1	1

PERENNIAL VARIETIES. This section includes the large-flowered sorts, and the pretty, hardy Pompons that make bright masses of color in our gardens long after heavy frosts have cut down other flowers. We wish to make quite clear the distinction between this class and the Annual Chrysanthemums described above, so that, as has sometimes happened heretofore, customers may not order seed of the summer-blooming garden varieties, expecting them to yield the grand show flowers of late fall. For ordinary culture and room decoration, plants pinched back to form a number of branches, and holding from five to ten flowers, are satisfactory. Average height of show kinds, 3 ft.

japonicum fl.-pl. From finest flowers. An extra-choice mixture, including many of the finest large-flowering double sorts...60750 50

CLARKIA

One of the prettiest and showiest of hardy annuals that bloom freely and have flowers of such various bright colors that a bed of them in full bloom is a beautiful sight; useful for hanging-baskets, vases and as edgings to beds of larger growing plants. Sow outdoors in early spring and grow in partial shade. The plants keep up a continuous bloom through midsummer to late autumn. Average height, 1½ ft.

1	11 D 11 1771'- 1/	Pkt.
elegans	alba, Double. White. 1/4 oz. 50c.	
	60960	15
"	rosea, Double. Rose. 1/4 oz. 50c. 60980	15
"	Scarlet Queen, Double. Orange-	
	scarlet	15
"	Single Mixed 1/4 oz. 30c. 60990	10
"	Double Mixed 1/4 oz. 40c61000	15



Perennial Chrysanthemum

COSMOS

One of the notable fall flowers. A strong, tall-growing annual, with bold flowers of exquisite daintiness and airiness heightened in effect by their foliage setting of feathery green. It is most effective when planted in broad masses or long background borders against evergreens or fences. We offer only the choice, large-flowering strains. To make sure of flowering early, Cosmos should be started indoors and transplanted into dry, sandy, or poor soil, in a sunny situation.

FARLY FLOWERING. Seed started early in the

EARLI ILOWERING. Seed statted early in	me
house or frame, will produce flowers a mo	nth
earlier than Mammoth Perfection.	Pkt.
Crimson. 1/4 oz. 75c., oz. \$2.5061880	10
Pink. \(\frac{1}{4} \) oz. 75c., oz. \(2.5061890 \)	IO
White. \(\frac{1}{4} \) oz. 75c., oz. \(2.50 \dots \	10
Mixed. 1/4 oz. 60c., oz. 2.0061910	10
Lady Lenox. Lovely, large, shell-pink flow-	
ers of great substance. One of the finest.	
1/4 oz. 5oc., oz. \$1.50	10
Lady Lenox, White. Counterpart of above,	
except as to color. $\frac{1}{4}$ oz. 85c., oz. \$2.75.	
61925	15
Hybrida, Crimson. 1/4 oz. 75c61927	IO
MAMMOTH PERFECTION. Large flowers	
on long stems, lasting until frost.	
Conchita. Crimson. 1/4 oz. 25c., oz. 85c.	
61930	10
Erlinda. White. 1/4 oz. 25c., oz. 85c.61940	10
Rosita. Pink. 1/4 oz. 25c., oz. 85c. 61950	IO
Mixed. 1/4 oz. 25c., oz. 85c61960	IO
771 1 1 0 1 1 1 1 1 1 1 1	

NEW DOUBLE VARIETIES—
Pink Beauty. Crested. Soft pink. 62074 20
White Queen. Crested. Pure white 62076 20
These called double crested, are not fully double, but are double crested, having double centers and a row of petals around the base.

61990

Klondyke. Orange-colored; distinct foliage.



Cosmos

CINERARIA

One of the most useful and ornamental of green-house plants, with flowers of the richest and most brilliant colors and shades, and of the finest texture. It is rather a difficult plant to grow if its requirements are not understood. The mistake generally made is in growing it in a warm house instead of a cool one. The seed should be started in the greenhouse. For winter blooming sow in April and May in shallow boxes, in fine soil; drop the seed in shallow drills, cover and press the earth rather firmly with a piece of board or the bottom of a pot. Set the box where it will get the morning sun, water moderately and carefully. Average height, 2 ft.

Large-flowered Stella, Mixed. Twisted and fluted petals; large flowers of very rich and	I Ac.
bright colors60820	50
Large-flowered Prize Mixed60840	60
Splendid Mixed, Double60870	60
stellata (Polyantha). Mixed60880	50
HALF-HARDY PERENNIAL. Requires some	pro-

tection. (Duete Miller) Silver Leave

maritima (Dusty Miller). Silvery leaves. 60910 10

CLEOME (Spider Flower)

Curious, ornamental, hardy annual, on castor-oil plant style. Blooms freely in sandy soil.

COCKSCOMB. See Celosia.
COLUMBINE. See Aquilegia.
COREOPSIS. See Calliopsis.
CORNFLOWER. See Centaurea Cyanus.

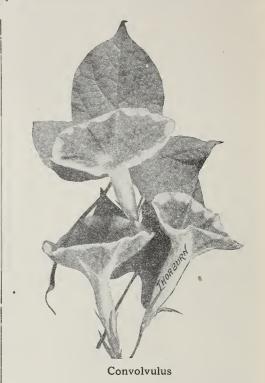
CONVOLVULUS

TALL. Beautiful and easily grown annual; rapid in covering screens, trellises, etc.

major (Tall Morning-Glory. Mixed. Fin-	Pkt.
est colors. 10 ft up. Oz. 25c61690	10
Snow Fairy (Double Morning-Glory) . 61695	10
mauritanicus. hP. Blue; trailing habit; fine for baskets and rockeries61700	10

DWARF. Dwarf Morning-Glories are elegant annuals for growing in clumps or beds; also for edgings and hanging-baskets; bushy, of easiest culture; bloom all season. 12 in.

			Pkt.
tricolor	(minor).	Blue61730	10
"	Rose	61750	10
"	White	61770	10
"	Mixed. Oz	z. 25c61780	IO



CYCLAMEN

These bulbous greenhouse plants are among the best plants recommended for house culture, as they thrive well and bloom profusely in the average temperature of the living-room. If grown steadily without any check, they will flower in from ten to twelve months.

PERSICUM GIGANTEUM-

ERSICOM GIGANTEOM—	
	Pkt.
album, Mont Blanc. White 62300	50
albo-rubrum. White with red eye 62310	50
atropurpureum. Dark red62320	50
Brilliant Red. Wine-color62322	50
Daybreak. Light pink62325	50
Glory of Wandsbek. Dark salmon 62326	50
roseum. Rose. 100 seeds \$3.2562350	50
Rosy Morn. Rich rose, shading to purplish	
tinge. 100 seeds \$3.2562355	50
Pure White. 100 seeds \$3.2562365	50
Mixed. Finest sorts. 100 seeds \$3.00.62380	50
Persicum, Mixed. 100 seeds \$2.75.62410	25

±COBAEA

Tender clim	nbing perennials of rapid growth. 20	ft.
	Pl	ĸt.
‡scandens.	Purple, bell-shaped flowers.	
	¹ / ₄ oz. 25c61330	
†. "	alba. White. 1/4 oz. 50c61340	15

*COLEUS

gP. Splendid bedding plants with beautifully colored foliage; very useful for decorative purposes. 2 ft.

Large-leaved, Finest Mixed..........61420 50

COWSLIP

(Primula officinalis hybrida.) hP. Favorite spring flower; fragrant; mixed colors. 6 in.
62080

CUCURBITA. See Gourds.

†CUPHEA (Cigar Plant)

Pretty half-hardy perennial; fine border and potplant. I to 11/2 ft.

CYPRESS VINE. See Ipomæa Quamoclit.



Dahlia

†DAHLIA

This favorite, half-hardy perennial is most easily grown from seed sown early in the house or greenhouse. Will bloom freely outdoors until frost the first season. 3 to 6 ft.

	Pkt.
Double Mixed62480	25
Single Mixed	25
Single Cactus, Mixed62500	50
Double Cactus, Mixed62505	50
Collarette. Our special strain of Collarette	
varieties contains a great variety of distinct	
shades and colors	25



Bellis (Daisy)

DAISY

(Bellis perennis, etc.) hP. May be sown in February or March in shallow boxes of light, rich soil, covering the seeds to about three times their own thickness, and pressing soil firmly over them. Keep in a warm window, hotbed or greenhouse. When well out of the seed-leaf, transplant to new boxes, and set out in the open ground when danger from frost is past. Or, sow in beds outside in August or September; protect with straw or litter over winter and transplant to their permanent position in the spring. They make delightful borders to beds of taller-growing annuals and can be used very effectively in beds of spring-blooming bulbs. 4 in.

4 111.		
•		Pkt.
Double	Red62590	25
"	delicata rosea62595	25
"	Rose (Longfellow)62600	15
"	White (Snowball)62610	15
"	Mixed. Very fine62620	15
"	maxima alba. Extra large; white.	
	62630	25
"	maxima rosea. Extra large62640	25
"	monstrosa alba. Snowy white flowers.	
	62652	25
"	monstrosa rosea. Deep rose62654	25
"	monstrosa red62656	25
"	monstrosa, Mixed62660	25

DAISY, Swan River. See Brachycome.

DATURA

SHASTA DAISY. See Chrysanthemum Leucan-

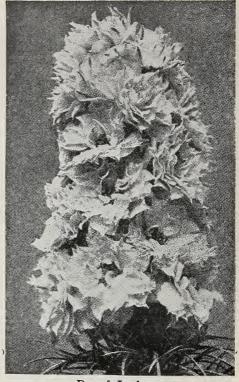
themum.

DELPHINIUM

(Larkspur.) In variety and beauty of its blue tints, which are as numerous as they are charming, no other plant can equal the Delphinium. The brilliant flowers are strongly effective in beds or masses, in borders, shrubberies, or in combination with white lilies. Improvements are continually being made in the size of the flowers, as well as in the length and fullness of the spikes. Some of the species flower both early and late; the season for all can be prolonged by cutting away withered flower-stems. All varieties are easily cultivated and adaptable to many conditions, but in a soil deeply dug and well enriched with fine old manure, their blooms are the finest. Setting them 1½ to 2 feet each way is not too much for the taller sorts.

ANNUAL VARIETIES. These include the Rocket or Hyacinth-flowered, so called from their long, narrow flower-spikes. They bloom best in a rather cool, moist soil. Sow seed in the open border, either in spring or fall, preferably the latter, so that germination may take place very early in the spring.

	_	_			Pkt.
Ajacis,	Dwarf	Rocket.	Finest	colors;	
	beauti	ful for	bedding.	ı ft.	
	Oz. 6	oc		62810	10
"	Tall Ro		rmine		10
"	"	" Pu	rple nite. 2 ft	62814	10
"	"				10
		" IVII:	ked Color	s. 2 ft. 62840	10
"	Tall R	uanahina	Choice		10
	2 ft	I/ OZ 25	c., oz. 750	62870	10
"	Double.	Mixed.		62875	10
Emporo			ixed. 1/4		
Linpero	r, branc	ining, wi	ixeu. 74	62910	10
Blue Bu	tterfly.	1/4 OZ. 84	.c	62912	15
"	"	Lavende	c r	62914	20
			-colored a		
beauti	ful. fre	e-flowerin	g sort.	If sown	
outdo	ors in s	pring, it	will bloom	n by the	
first	of Augu	st, and n	will bloom ake a lov	rely dis-	
play.	2 ft			62920	15
ERENNI	AI. VAI	RIETIES	These	are usu	ally
taller th	han the	annuals.	requiring	more si	pace
between	the plan	nts. If so	wn in the	fall or	verv
early sp	ring, nea	arly all w	ill bloom	the first	sea-
son. Fo	oliage cle	an and p	ill bloom retty; hab	it strong	and
neat; flo	ower-spil	ces long a	ınd dazzli	ng.	
Rawlawi	: Larm	o dork h	lue flower		Pkt.
fine	o ft I	4 OZ ST	5	62930	25
Pollado.	, I.	avolv nal	e blue; h	andsome	43
plant	comes	overy par	from seed.	One of	
			· · · · · · · · · · · ·		25
			et. A C		~)
native	that n	nakes a	verv shov	vv nlant	
when	in bloom	1. 2 ft.	very shov 4 oz. \$2.0	o.62960	25
			ndiflorum)		
flower	rs, rangi	ng from	pure whit	e to in-	
digo-l	olue. Y	oung see	dlings wi	ll bloom	
from	midsumn	ner until	frost. 2 f	t62980	10
			tiful distir		
			ive in the		
2 ft				62990	10



Dwarf Larkspur

elatum, hybridum, Finest Mixed. Ver	
showy	J 15
formosum. Brilliant blue, white center	
especially fine. 3 ft. 1/4 oz. \$1.006303	J 10
formosum coelestinum. Clear blue; hand	
some. ¹ / ₄ oz. \$1.50	0 25
hybridum flpl., Double Mixed6306	
Zalil (sulphureum). hP. Long spikes o	f
yellow flowers. 2 ft6309	0 25

DIANTHUS. See Pinks and Carnations.

DICTAMNUS

(Gas Plant.) Ornamental hardy perennials; can remain for years undisturbed; the leaves, when rubbed, have a lemon odor. 3 ft.

Fraxinella.	Red	63290	10
"	albus.	White63300	10

‡DOLICHOS

Very rapid-growing hardy annual climber, bearing pea-shaped blossoms and ornamental seed-pods. Fine for covering screens, etc. 10 ft.

Lablab (Hyacinth Bean). Purple.

	Oz. 50c 63390	10
"	albus. White. Oz. 50c63400	10
"	Mixed. Oz. 50c63410	10
"	giganteus. White. Oz. 75c63420	15

DIMORPHOTHECA



Dimorphotheca

(African Orange Daisy.) Easily grown, hardy annuals of great beauty. 12 to 15 inches in height, and bushy.

aurantiaca.	Orange. 1/4 oz. 50c 63340	Pkt.
"	hybrida. New fine varieties, mixed. 1/4	
	oz. 50c63350	10

DIDISCUS (Blue Lace Flower)

caerulea. One of the oldest and best of our annuals. Blue flowers 63320 25

EUPHORBIA

(Snow-o	n-the-M	ountain.)	Green-and-	
white	foliage		64110	10

*t***ECHINOCYSTIS**

lobata (Wild Cucumber). A rapidgrowing annual climber63620

ECHINOPS (Globe Thistle)

ESCHSCHOLTZIA

California Poppy. The state flower of California. This much-esteemed hardy annual is very bright and rich in its pure tints of yellow, orange, etc. The plants average about a foot in height, with silvery foliage, and produce their large, poppy-like flowers from early spring until frost. They are most effective when grown in beds of considerable size, over which the seed may be sown broadcast thinly, and lightly raked

frost. They are most effective when grown beds of considerable size, over which the s may be sown broadcast thinly, and lightly ral in.	eed ked
Thorburnii. Coppery orange; the effect of a plant in bloom is simply gorgeous; the flowers are larger than those of other Eschscholtzias, and are borne with equal profusion; finest of all	Pkt.
californica. Rich yellow. Oz. 75c63910	10
" alba. Creamy white63920	10
" alba. flpl. Fine sort, with	
double, creamy white flowers.	10
" Carmine King. Carmine-rose;	10
beautiful. 1/4 oz. 50c63950	10
crocea. Double Orange. 1/4 oz. 50c64000	10
Mandarin. Red-gold flowers, orange within and scarlet without	10
·	10
maritima, Golden West. A superb variety with very large flowers of deep yellow;	
bloom all summer. 2 ft. 4 oz. 50c. 64040	10
Vesuvius. Wallflower-red. 1/4 oz. 50c.64055	10
Mixed. Many sorts. $\frac{1}{4}$ oz. 30c., oz. \$1.00.	
64060	IO



Eschscholtzia

FORGET-ME-NOT (Myosotis)

These dainty little flowers love cool, moist soils, and, like pansies, bloom most freely in fall and early spring. They make beautiful close borders, or edgings, and will bloom nicely in winter in a cool room or coldframe. They establish themselves by self-seeding. Sow in spring in a warm, sunny border. Most varieties bloom freely the first season and profusely the second. Average height, 6 to 8 in.

alpestris (hB). A pretty plant of erect habit, with blue flowers. 1/4 oz. 75c. 64260 alba. White flowers, very dainty in effect. ¹/₄ oz. 75c......**64270** Indigo-Blue. Very fine 64300 Indigo-Blue. New. Compact. Fine for pots or border......64305 robusta grandiflora (Eliza Fonrobert). Grown extensively for cut-ting. Large, sky-blue florets with yellow eye, in large clusters. 64320 Victoria. Strong-growing; dwarf; flowers large, globular, sky-blue, abundant; fine for borders, pots or cutting......**64340** Mixed. 1/4 oz. 50c...........64350 palustris semperflorens. hP. Bright blue; a dwarf form of M. palustris, blooming from spring until autumn; foliage a good

FOUR O'CLOCK

shade of green. 1/8 oz. \$1.00......64420 25

(Mirabilis.) Favorite half-hardy annual of the easiest culture and very suitable for large beds and borders. Called Four O'clock because it opens its blossoms at that hour in the afternoon. Also known as Marvel of Peru. Handsome, free-flowering, sweet-scented; blossoms variegated, striped and of various colors.

Tom Thumb, Mixed. Very fine. 1 ft.64510 10

FOXGLOVE (Digitalis)

The tall flower-spikes of the Foxglove, often 2 to 3 feet in height, are particularly handsome when grown among shrubbery or in bold masses, and as a background for lower-growing plants they are very attractive. Hardy perennials, they are most satisfactory when treated as biennials. Sow the seed out-of-doors in spring and transplant the seedlings into their permanent places. They will bloom magnificently the following spring; give them a deep soil in partial shade.

purpurea,	Purple.	The well-known variety.	Pkt.
		50c64580	
66		Very showy; long spikes.	



Foxglove

	PKt.
purpurea, White. Fine and attractive 64600	10
" Mixed. 1/4 oz. 50c64610	10
gloxinioides, Purple. 1/4 oz. 50c64620	IO
" Rose. Bright, showy flowers	
borne profusely on fine spikes.	
1/4 oz. 5oc64630	IO
" White. Handsome, gloxinia-	
like flowers; beautiful for cut-	
ting. ¹ / ₄ oz. 50c64640	IO
" Mixed. All the choice colors.	
¹ / ₄ oz. 50c	10
grandiflora lutea, Yellow. Large-flowered;	
long racemes of bell-shaped blossoms; dwarf.	
¹ / ₄ oz. 75c64660	IO
monstrosa, Splendid Mixed. Very large,	
bell-shaped flowers of exquisite beauty, borne	
on long spikes. 4 ft. 1/4 oz. \$1.0064680	15
0 1 74 4	- 5
CED A BULLING	
GERANIUM	
Most valuable greenhouse plants, blooming tinuously. For bedding in the outdoor gar nothing equals them. 1½ ft.	con- den
-/2 =	Pkt.
zonale. Scarlet. 65130	TO

See, also, Pelargonium.





Gaillardia grandiflora

GAILLARDIA

(Blanket Flower.) Both the annual and peren-nial varieties of Gaillardia are very showy and free bloomers all summer long until frost; good in any situation and easily grown. The individual flowers are of large size, very durable, and most brilliant in color; fine for bouquets. 2 to 3 ft.

hP. Fiery red. 1/4 oz. 50c. Amblyodon. 64870 †grandiflora maxima. hP. Golden yellow. 2½ ft.....64890 Extra-fine Mixed (hP)..64910 10 Picta sorts are most elegant annuals and deserve very generous plantings. picta. Mixed. Finest colors.......64960 10

GERBERA

(Transvaal Daisy.) Very pretty half-hardy peren-nials, fine for garden border and also winter forcing; grows about 2 feet in height and blooms all through the season.

Jamesonii. Deep scarlet. (25 seeds in a packet.)65180 hybrida, New Hybrids. Great diversity of colors, from pure white to dark red; fine for cutting. (25 seeds in a packet.) 65190

GEUM

Handsome hardy perennials; bloom freely all season; fine for bouquets. 11/2 ft. Scarlet......65240 15 coccineum.

GREVILLEA robusta

(Silk Oak.) Graceful evergreen, greenhouse plant, easily raised from seed; fern-like foliage; fine for table decoration....66040

GODETIA

Free-blooming, hardy annuals, with widely opened flowers of satiny texture, and of the most deli-cate and lovely colors. They are beautiful for solid beds, border lines, pots, and for growing in shaded places, where so few really fine flowers will flourish. Sow seed in the open border in spring, or in a coldframe, and transplant seedlings to stand a foot apart in rather thin soil. Fine for cut-flowers. Average height, 1 ft.

Crimson Glow. Intense, dazzling crimson; fine, compact grower; very floriferous. 65460 Duchess of Albany. Sating white 65470 Lady Albemarle. Dark crimson.....65510 Lady Satin Rose (G. Whitneyi compacta Brilliant). Bright carmine..........65530 10 Rosamund. Large; glossy pink.....65560 The Bride. White and crimson.....65580 Mixed, Tall Varieties. 1/4 oz. 30c....65620 Dwarf Varieties. 1/4 oz. 35c., oz. 75c. 65630

GOLDEN FEATHER. See Pyrethrum.

GLOXINIA

Greenhouse plants with magnificent flowers of great brilliancy; very decorative. If the seed is started early in the season, the plants bloom the same summer; do best in light, rich soil; fine pot plants for the window garden. 1 to 11/2 ft.

Pkt. hybrida grandiflora. Superb mixture..65670 50

GOMPHRENA (Globe Amaranth)

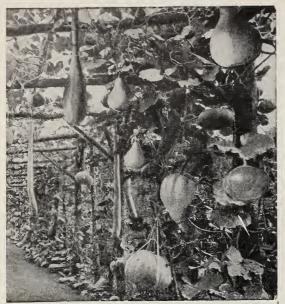
These well-known, hardy annuals are among the most popular of the Everlastings for dried winter bouquets; also well adapted for beds and edgings in the garden. Their round heads of flowers are also called Bachelor's Buttons. 1 ft.

globosa rubra. Purplish red. 1/4 oz. 30c. 65750 alba. White. 1/4 oz. 30c....65760 carnea. Flesh-pink. 1/4 oz. 30c. .65770 10 Mixed. 1/4 oz. 25c...........65810 10

GOURDS (Ornamental)

These rapid-growing, annual climbers have most luxuriant foliage and are excellent for covering verandas or trellis work, and for training over arbors, fences, etc.; bear most curious fruit; the vines are immune from insect pests. 10 to

25 10.	Pkt.
Apple-shaped. A good sort65860	10
Bottle Gourd65870	IO
Calabash (The Pipe Gourd)65880	10
Dipper-shaped65890	10



Gourds

GYPSOPHILA (Baby's Breath)

Both the annual and perennial varieties are most easily grown; very graceful and delicate flowers and foliage; fine for rockwork or shrubbery and bouquets. 2 ft.

elegans	grandiflora alba. hA. Large-flower-	
	ing; white. Oz. 50c66100	10
"	carminea. hA. Rose-carmine; ele-	
	gant. Oz. 50c66110	10
"	rosea. hA. Rose. Oz. 50c66120	10
panicula	ata. hP. White; fine for bouquets.	
Oz. \$	1.00	10

†HEDYSARUM

Hardy biennials, with racemes of beautiful, peashaped flowers; adapted for borders and rockwork. Of the easiest culture. So-called "French Honeysuckle," but not related to that vine. Not a climber. 3 ft.

			Pkt.
coronarium.	Scarlet	66240	10
"	album.	White66250	10

HELENIUM autumnale

(Sneezewort.) Late-flowering, hardy perennials; broad heads of elegant, golden yellow flowers; fine for cutting. 5 to 6 ft. 66270 10

HELICHRYSUM

(Eternal Flowers.) A most popular, hardy annual; the flowers are large and the color bright; highly prized for winter bouquets. Flowers intended for drying should be gathered when partially unfolded and suspended with heads downward in cool and airy place. 1 to 2 ft.

monstrosum, Double Large-flowered-

		Pkt.
"	Double Mixed66340	10
"	Silver Globe66332	10
"	Crimson66334	10
"	Golden Globe66336	10
"	Fireball, red66338	10

HELIOPSIS Pitcheriana

This hardy perennial is esteemed highly for the border and for cutting; bears beautiful golden yellow flowers all summer. 3 ft.

66400 10



Helichrysum





Hollyhocks

HOLLYHOCKS (Althaea rosea)

Although Hollyhocks are very permanent and hardy for the first winter, it is advisable to sow seed every year of these splendid, hardy perennials, as the flowers on young, vigorous plants are much finer than on old ones. Sowings should be made in April or May, and not later than June, to flower the next year. In final transplanting give each seedling a foot or more space each way for development. They succeed best in an ordinary deep, rich soil. They make a glorious show in the garden with their splendid spires of flowers and are fine for the back of the border and for hiding unsightly fences. Water well in dry weather. Average height, 6 ft.

		Pkt.
Bright Pink.	¹ / ₄ oz. 85c66710	20
Bright Rose.	1/4 oz. 85c66720	20
Bright Scarlet.	1/4 oz. 85c66730	20
Crimson.	¹ / ₄ oz. 85c66755	20
Maroon.	1/4 oz. 85c66780	20
Salmon.	¹ / ₄ oz. 85c66790	20

	Pkt.
Snow-White. 1/4 oz. 85c	20
Mixed Double. 1/4 oz. 75c	15
" Allegheny, Fringed. 1/4 oz. 75c 66830	15
Single Lemon White. 1/4 oz. 85c66832	15
" Rose, Dark Center. 1/4 oz. 85c 66836	15
" Mixed. 1/4 oz. 75c66840	15
Perpetual-flowering. Annual. Sown early in spring and planted out first week in May, it will bloom from middle of July to late in autumn. Flowers double with graceful,	
loose petals. Mixed colors66708	15.

HELIOTROPIUM

(Heliotrope.) These favorite greenhouse and bedding plants are highly valued for their scented flowers; succeed best in light but rich soil; bloom first season from seed. 11/2 ft.

peruvianum.	Light blue. 1/4 oz. \$1.00.66430	10
White Lady.	White; large flower66450	10
Fine Mixed.	¹ / ₄ oz. 75c 66480	10

HELLEBORUS

(Christmas Rose.) These well-known, springflowering, hardy perennials thrive finely in any common soil, in a sheltered, semi-shady situation. r ft.

		PKt.
niger.	White66560	10

HESPERIS. See Rocket.

HIBISCUS (Mallow)

All the species bear very showy flowers and are easily grown.

custify groven.	
	Pkt.
africanus. hA. Free-flowering, fine annual;	
flowers yellow and purple. 2 ft66640	10
coccineus (speciosus). gS. Large rose-red	
flowers	
moscheutos roseus. hP. Large rose-colored	
flowers. 4 ft	

‡HUMULUS

(Climbing Hop.) Well-known, fast-growing, hardy annual. 15 to 20 ft.

japonicus	(Japanese Hop). Beautifully cut green foliage; makes fine shade. 1/4 oz. 30c., oz. 75c66960	
"	variegatus. With white-variegated	

leaves; fine. 1/4 oz. 50c., oz. \$1.25 66970

IBERIS. See Candytuft.



Ipomoea, Cardinal Climber

‡IPOMOEA

(Moonflower; Morning-Glory; Cypress Vine.)

Of all climbers for garden and greenhouse, these are the quickest and most luxuriant in growth. Ipomœas grow so easily from annual sowings that it is no longer thought necessary to winter over roots or young cutting plants under glass. The large, thorny seeds of some varieties should be soaked in hot water before planting. For early flowers sow in hotbeds, or pots and boxes under glass, and transplant to rich, deep soil in summer quarters as soon as danger of frost is over, when sowings may also be made in the open ground. Nothing finer for porches, trellises, etc.

ANNUAL VARIETIES. From early sowings these begin to bloom about midsummer, and are full of beautiful flowers all the season, often blooming freely until cut down by frost.

IMPERIAL JAPANESE MORNING-GLORY. The leaves are mostly plain green, but some are oddly blotched with white or yellow. Flowers vary from pure white to carmine, through blues and purples of every shade. 30 to 40 ft. Pkt. Finest Single Mixed. Large flowered; all

grandiflora hybrida (Giant Pink Moonflower). Pink......67345

IPOMOEA—Continued

	Pkt.
rubro-caerulea, Heavenly Blue. The very	
large, clustered flowers of beautiful sky-	
blue open early in the morning. Distinct	
and handsome. Sow early. 10 ft67370	10
Double Pink	10
" Crimson	10
" Blue	10
QUAMOCLIT HYBRIDA—CARDINAL CLIMBER. One of the best annual climb-	
ers introduced for many years. Rapid	
grower, with branching habit; flowers all	
summer in fiery cardinal-red clusters. 25 ft.	

Mixed Cypress Vine......67470 10

67440

(Touch-Me-Not.) Charming greenhouse and window-garden plants that bloom profusely and almost continuously. Good also for bedding. I to I¹/₂ ft.

IMPATIENS

*INCARVILLEA

Ornamental, hardy perennials, with brilliant, gloxinia-like flowers; continuous bloomers; succeed well in any situation, and make a fine show in the garden. 2 to 3 ft.

JACOB'S LADDER

(Polemonium.) Beautiful, old-fashioned, hardy perennial border plants; flowers in clusters. 2 ft.

JACOBAEA

(Senecio.) Very free-flowering, hardy annuals of easy culture; good for both pots and bedding. I to I1/2 ft.

elegans fl.-pl., Tall Double, White...67680 10
" " " Purple...67690 10
" " " Mixed....67700 10

KOCHIA (Summer Cypress)

trichophylla. A rapid-growing, hardy annual; foliage green, turning to fiery red in autumn; very ornamental on the lawn. 2 to 3 ft.

1/4 oz. 25c., 1/2 oz. 4oc., oz. 75c......67860

Childsi (Giant Kochia)......67859 10

10

IO





Kochia

±KUDZU VINE

(Pueraria Thunbergiana.) A perennial climber from Japan; fine when once established, often growing 40 feet in a season. Purplish violet, fragrant, wisteria-like flowers; good foliage. 1/4 oz. 30c.................67880 10

LARKSPUR. See Delphinium.

LATHYRUS (Perennial Pea)

latifolius. hP. These have not the fragrance of sweet peas, but bloom through a long season; are hardy and will live for years; they make a beautiful screen for rocks, stumps, fences, etc. 4 to 8 ft.

Crimson. Beautiful shade 68000 10 Pink Beauty. Blossoms white, veined, edged 10 White. Valuable for cut-flowers.....68020 10 Mixed. Oz. \$1.00......68025

LAVATERA

Very showy and free-flowering; splendid for large beds in the garden, where they bloom all summer; fine for cut-flowers.

trimestris. hA. Red; makes a brilliant show in the garden. 21/2 ft..68080 alba. hA. White 68090 10

LEONTOPODIUM

alpinum (Edelweiss). Hardy perennial from

LEMON VERBENA. See Verbena.

LEPTOSYNE

Fragrant, half-hardy annuals; large margueritelike flowers on long stems, good for cutting. I to 2 ft. maritima. Yellow......68290 10



Leptosyne

LEPTOSYNE—Continued

Stillmanii. Golden yellow; blooms six weeks

LINARIA (Toad Flax)

maroccana. Mixed Hybrids. hA. Very fine.

Cymbalaria (Kenilworth Ivy). hP. Charming, hardy perennial, trailing plants for bas-

LINUM (Flax)

Pretty, free-flowering garden plants of easy cultivation.

grandiflorum rubrum. sbrum. hA. The favorite Scarlet Flax. Large-flowered. The favorite 1 ft. 1/4 oz. 25c.....68480 10 Blue. Pretty. 1/4 oz. 35c. .68485 10

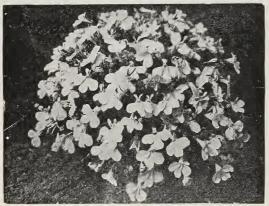
LOBELIA

The Erinus varieties bloom very quickly from seed and flower all through the season. For beds, edgings, baskets and pots there is nothing prettier. Sow outdoors in early spring where the plants are to grow, and thin moderately; or transplant several inches apart in rich, open soil. Some stimulant given when they are in bloom greatly improves the flowers. Almost all are also good winter conservatory plants of trailing habit. perennial or tall varieties are handsome, showy plants and will be found quite effective for backgrounds and grouping.

LOBELIA-Continued

ERINUS VARIETIES. tA.	
J	Pkt.
gracilis. Blue; trailing; beautiful for bas-	
kets68570	10
speciosa, Crystal Palace. A favorite blue-	
flowered edging plant. 6 in68580	10
alba. White flowers68610	IO
Royal Purple. Deep blue, with a distinct	
white eye	10
Mixed68670	IO
erecta, Crystal Palace compacta. Dark	
blue; for bedding. 6 in68690	15
" White Lady. Splendid, large-flow-	
ered white68720	10
PERENNIAL VARIETIES—	
	Pkt.
cardinalis (Cardinal Flower). Standing bold	
and erect with its crimson-scarlet flowers,	
this handsome, native perennial Lobelia is	

invaluable for the border or grouping among evergreens. 2½ ft......68780 10



Lobelia Compacta

LOVE-LIES-BLEEDING. See Amarantus caudatus.

LOVE-IN-A-MIST (Nigella)

Pretty and ornamental, hardy annuals, with feathery fennel-like foliage and curious flowers; of easiest culture. Also called "Devil-in-a-Bush." I to 1½ ft.

1 10 1/2 11.	Pkt.
Double Blue. 1/4 oz. 30c68890	10
Double White. 1/4 oz. 30c68900	10
Miss Jekyll. Beautiful; double; cornflower- blue. 1/4 oz. 50c	10
Mixed, All Sorts. 1/4 oz. 30c68970	

†LYCHNIS

Free-flowering, hardy perennials, with brilliantly colored flowers; excellent for massing in beds and borders.

chalcedonica.	Scarlet.	2 ft.	1/4	oz. 50c. 69330	IO
"	alba.	White.	1/4	oz. 50c.	10

LUPINUS (Lupine)
ANNUAL VARIETIES. These garden favorites are among the most beautiful of our hardy annuals; extremely varied in color, of the easiest culture, and bloom all summer. Splendid for beds, borders, and backgrounds. 2 to 3 ft. Pkt.
Hartwegii. Blue. Oz. 50c69010 10
" albus. White. Oz. 50c69020 10
" roseus. Rose. Oz. 50c69030 10
nanus. Dwarf; blue; fine for growing in front of tall sorts
Mixed. Oz. 40c
PERENNIAL VARIETIES. The hardy perennial varieties of the Lupines are extremely handsome and stately, bearing their beautiful flowers of rose, white, blue, and yellow on erect, graceful spikes that are more than a foot in length. Grow very compactly about 3 to 5 feet in height, and bloom continuously and profusely during the summer. Pkt.
arboreus. Yellow Tree Lupine69160 10
" albus (Snow Queen). Pure
white; very fine69170 25
polyphyllus. Blue. Oz. 75c69200 10
albus. White. Oz. 75c. 69210 10
" roseus. Rose; magnificent.

MALLOW. See Hibiscus.

MALOPE

tricolor elegans. Orange, rose and white.

1/4 oz. 35c...........69240 15 Mixed. Oz 75c.....69260 10

69280

Very pretty, free-blooming, hardy annuals with mallow-like flowers. Sow the seed early; good for beds and borders. 2 to 3 ft.

grandiflora	alba.	White69440	Pkt.
"	rosea.	Rose69450	10
"	rubra.	Red69460	10
"	Mixed	69470	10

MALVA. Handsome garden plants that bloom all summer; fine for cut-flowers.

moschata alba (Musk Mallow). †hP. White; fragrant. 2 ft. ½ oz. 50c. .69500 io "rosea. †hP. Rose-flowered variety; fine. ½ oz. 50c. .69510 io

MATHIOLA bicornis

MARTYNIA

Curious and handsome, half-hardy annuals for the border, with bright flowers, borne in profusion and followed by quaint pods which are used for pickling. 1½ ft.

proboscidea. Reddish white......69790 10

MARIGOLD

(Tagetes.) These, like the calendulas, are valuable because they light the garden with such a grand glitter of yellow far into the frosts of autumn. The dwarf varieties make a fine border for taller sorts, and both are effective when planted in groups or in garden borders. Hardy annuals. Average height, 1 to 2 ft. All our own special strains, vastly different from the ordinary sorts commonly sold.

AFRICAN VARIETIES—	
Eldorado. Large, quilled, perfectly double; brilliant shades of yellow. 1/4 oz. 40c.	Pkt.
69570	10
Lemon Queen. Very rich lemon-yellow. 4 oz. \$1.00	20
Orange. Rich. 1/4 oz. 50c69590	IO
Mixed Double. 1/4 oz. 40c., oz. \$1.25.69620	IO
FRENCH VARIETIES—	
Dwarf Striped. Flowers handsomely marked. \(\frac{1}{4} \) oz. \(\frac{8}{5}c \)	15
" Legion of Honor (Little Brownie). Single; golden yellow marked vel-	
vety red. ½ oz. 85c69670	15
Tall Mixed, Double. 1/4 oz. 40c., oz. \$1.25.	10
Dwarf Mixed, Double. 1/4 oz. 4oc., oz. \$1.25.	IO
See, also, Calendula.	

MESEMBRYANTHEMUM

These beautiful, half-hardy annuals flower profusely in dry and sunny situations; fine as edging plants. 6 in.

Pkt.

cordifolium variegatum. Rose; cream foliage;

very dwarf; a fine variety for carpet bedding or for edging and for rockwork...70020 15 crystallinum. See Ice Plant........67040 10



Mignonette



African Marigold

MATRICARIA (Feverfew)

Free-flowering, hardy annuals, with a profusion of dainty flowers; bloom all summer; good for bedding or pots. 1½ ft.

Pkt.

MIMOSA pudica

(Sensitive Plant.) A curious and interesting half-hardy annual, with pinkish flowers; leaves close when touched. 1½ ft..70280 10

MIGNONETTE

(Reseda odorata.) Seed of this popular, hardy annual can be sown at any time, and if successive sowings are made its fragrant, modest-colored flowers may be gathered outdoors until November. Sow in pots or boxes under glass in February or March, and thin or pot off the seedlings to make good plants for bedding out in April. Sow outdoors in rows about April 1, and again regularly at intervals of about three weeks till August, a row or two at a time for succession. The July sowing will make good winter-flowering plants. If.

Crimson Giant (ameliorata). Red-flowered. 70080 10
Golden Queen. Golden yellow.....70120 10
Goliath. Red; enormous spikes; striking; very

weet-scented. ¼ oz. 85c............70130 15

Machet, Dwarf. Deep red. ¼ oz. 50c.70140 10

Golden. ¼ oz. 50c..70160 10

NASTURTIUM

A marvelous range of new colors has been developed in this favorite flower which, for three or four months of the season, makes a better display than almost any other plant. No other hardy annual will produce such a lavish profusion of flowers for so long a time with the same small outlay of time and labor. The maximum of bloom is produced on thin soils, and never flags through the hottest weather. In soils too rich, leaves predominate, and the plants are apt to rot off in wet weather, especially if standing too close. The tall varieties make a very effective display when trained on fences or trellises and the low sorts are fine for edging and massing.

All 30c. per oz., except where quoted otherwise.

DWARF or TOM THUMB (Tropæolum nanum).

These have a neat, compact habit and attr tive foliage; they bloom in two months fr sowing, and most profusely the whole seas	om
r ft.	Pkt.
Beauty. Yellow and scarlet70600	IO
Bronze-color. Distinct70610	10
Chameleon. Mottled crimson, bronze, and	
yellow; very fine70620	10
Crystal Palace Gem. Yellow and carmine.	
70640	10
Deep Scarlet70645	10
Empress of India. Deep crimson; fine dark	
foliage	10
Golden Cloth. Golden yellow leaves; scarlet flowers	7.0
Golden King. Golden yellow70670	10
King of Tom Thumbs. Scarlet; fine color.	10
70680	10
King Theodore. Black, velvety; darkest of	
all	IO
Queen of Tom Thumbs (Original Queen.)	
Brilliant crimson with white-veined varie-	
gated-leaved foliage70725	10
Ruby King. Ruby-red; large flowers; dark-leaved; fine and very profuse70780	10
Mixed, Dark-leaved Sorts70825	10
" All Sorts. Oz. 20c., ¼ lb. 60c.,	10
½ lb. \$1.10, lb. \$2.0070840	10
, , , , , , , , , , , , , , , , , , ,	
TALL or CLIMBING (Tropæolum majus).	
Besides their ordinary garden use for traili	ng
over fences, trellises, stone walls, etc., these c	an
also be grown as pot plants for winter flo	w-
ering, as screens, or as trailers for hangir baskets and vases. 8 to 12 ft.	ıg-
Oz. P	kt.
Dark Crimson70920 20	10
Edward Otto. Brownish lilac70940 20	10
hemisphaericum. Orange70970 20	10
King Theodore. Black70990 20	10
Pearl (Moonlight). Whitish71010 20	10
Scarlet71020 20	10
Vesuvius. Large flowers; salmon; dark-	
leaved	10
Variegated-leaved, Mixed. Beautifully variegated foliage; distinct and	
showing 71110	

fimbriatum, Mixed. Fringed sorts, mixed. 1/4 lb. 55c.71340

PYRETHRUM

Showy, hardy perennials growing 2 feet in height, with most brilliant and lasting flowers. The dwarf Golden Feather is the well-known variety used for carpet bedding, edgings, and borders.

THORBURN'S EXQUISITE PYRETHUMS

See Colored Plate

These faultlessly beautiful flowers are produced in England by the world's leading specialists. Seed is saved only from selected blooms of exceptional coloring and perfection of form.

(76.480) Packets, 50c. 3 Packets, \$1.25

THORBURN'S GIANT FLOWERING NASTURTIUMS

See Colored Plate

FLOWERS 3 to 4 inches across. A magnificent range of colors.

(71400) Packets, 15c. 3 Packets, 35c.

15 10

15 10





Nicotiana

†MIMULUS (Monkey Flower)

†MOMORDICA

(Balsam Apple.) Handsome and ornamental, climbing, half-hardy annuals with yellow flowers; fine for covering rockwork, trellises, etc. 10 ft.

Balsamina (Balsam Apple). Apple-shaped fruit; glossy, green foliage, often used for its medicinal qualities. Oz. 75c....70420 10 Charantia (Balsam Pear). Pear-shaped fruit; heavy green foliage. Oz. 75c.70430 10

MONKSHOOD. See Aconitum.

MONKEY FLOWER. See Mimulus.

MOONFLOWER. See Ipomæa mexicana.

MORNING-GLORY. See Ipomæa.

MOURNING BRIDE. See Scabiosa.

MUSA Ensete

(Abyssinian Banana). tP. An elegant, ornamental-leaved plant for groups or singly in the summer garden; grows very fast in rich and moist soil. 10 ft..........70500 25

MYOSOTIS. See Forget-me-not.

NEMESIA

Very pretty and neat-flowering hardy annual for edgings; attractive, bright-colored flowers. 1 ft.

strumosa Suttonii grandiflora. Many rich and rare colors; flowers large; foliage beautiful. 5 pkts. \$1.00..71480 25

NEMOPHILA

Very pretty, dwarf-growing, hardy annuals of easy culture; continuous bloomers; cup-shaped flowers of brightest colors. Good in pots, edgings, rockeries or beds; moist soil and partial shade is favorable for them. Ift.

insignis, marginata. Blue, mottled white. 71550 10

Mixed.....Oz. 30..71580 10

NICOTIANA

Species of tobacco. Showy and free-blooming half-hardy annuals; great garden favorites; in flower all summer; tubular-shaped flowers. 3 ft.

affinis. White; very fragrant. 1/4 oz. 30c. 71650 10

NIGELLA. See Love-in-a-Mist.

NOLANA

When in flower these hardy annuals are very showy, and are fine for the garden border; of trailing habit. I ft.

Mixed71780 10

NYCTERINIA

Pretty half-hardy annuals, forming dwarf, compact plants; excellent for beds and borders. 9 in.

capensis. White; fragrant in evening. 71810 10

OENOTHERA. See Evening Primrose.



Thorburn's Superb Pansies

PANSY (Viola tricolor; Heartsease)

OUR STRAINS HAVE NEVER BEEN EXCELLED

Spring sowings should be made early so as to secure good flowers during the early rains. Seed sown in a cool, moist place in June and July, and well tended, will give good flowering plants for fall. If they come into bloom in the heat of the summer, the flowers may be small at first, but, as the weather becomes cooler they will increase in size and beauty, and make a glorious show in the garden. Through summer heat the flowers are finer in a somewhat shaded place, but in almost any situation good Pansy seed will give fine flowers in spring and fall. Early fall sowings give the finest flowers in spring, and a bed of Pansies is one of the most beautiful sights a garden can show. The higher-priced sorts produce the largest flowers and the most brilliant colors. This should be borne in mind when ordering.

We do not sell less than 1/4 ounce of a kind by weight

770 40 1101 5011	1000 111111 /4	ounce of a mile of weight	
Thorburn Superb. The richest and	Pkt. ¼ oz.	Black-Blue. Dark velvety blue.	Pkt. ¼ oz.
most choicely varied mixture pos-		72170	.15 1.25
sible. It produces only the finest		Black (Faust; King of the Blacks).	
colors, largest flowers and most beautiful forms72030	\$0.25 \$2.75	Almost coal-black72180	.15 1.25
	Ψ0.25 Ψ2./5	Cardinal. Brilliant red; very fine.	
Cassier, Finest Mixed. Flowers of			.25 1.50
grand size, beautifully spotted. 72050	25 7 85	Golden Queen (Yellow Gem). Pure	25 7 50
	.25 1.85	yellow	.25 1.50
Masterpiece. Curled, wavy petals;		attractively blotched and margined.	
splendid colors; distinct72060	.25 2.00	72320	.15 1.25
Madam Perret. A splendid giant-		President Carnot. Pure white pet-	115 1125
flowered strain comprising all shades of red from light rose to		als, each with a deep blotch.72360	.15 1.25
dark purple, some of them finely		Snow Queen (candidissima). Pure	·-5 -: - 5
striped72080	.25 1.85	satiny white72390	.15 1.25
Fine Large English. All colors	,,	TRIMARDEAU GIANT. This strain	,
mixed72130	.10 .75	has remarkably large flowers, car-	
French. Large flowers; fine mixed.		ried well above their leaves, and	
72135	.25 1.50	marked with large blotches.	
Azure-Blue. Very fine color 72160	.15 1.25	Extra Choice72662	.25 1.50
•			





Petunias

PETUNIA

hhA. Once fairly started, Petunias grow almost as easily as weeds and furnish a glorious suc-cession of bloom from early summer until frost. The large-flowered strains are very beautiful and of almost endless variety. Seed of the double and Giant-flowered Petunias is made expensive by the great amount of labor involved in hand-fertilization, and it is well to handle seed and tiny seedlings with some care. Sow in hotbed, coldframes, or in boxes of fine soil in the sunny windows of a warm room in April or May, and transplant about 1 foot apart in garden beds. Seed of the double varieties has not so much vitality as that of single sorts and needs a little more c re in watering to be sure of germination. We have no better plants than the Petunias for beds and masses, borders, win-dow-boxes, baskets, and vases. They will grow in almost any soil and bloom profusely through long droughts. The newer varieties are of brilliant colors. The highest priced sorts produce the finest and handsomest flowers, and those we offer are from the most carefully selected strains, saved at great expense. Apparently similar sorts offered at lower prices are not to be compared with those we offer. Average height, 11/2 ft.

SINGLE LARGE-FLOWERING. flowers 4 or more inches across. Our strains are superb and the collections offered contain only the finest varieties.

Purple King. Royal in color and size. 73000

Brilliant rose; a charming shade. 73010

Pkt	
superbissima, Mixed. Large, yellow-	
throated varieties; they make a brilliant show in the garden	2
Single Mixed73040	
Giants of California, Single Mixed. Spe-	
cial choice strain	5
White. Clear, paper-white flowers of un-	
usual size	5
FRINGED, LARGE-FLOWERING. These have	e
deeply cut and fluted margins.	
Ruffled Giants. Extra-large flowers, ruf- fled, fluted and fringed73400 2	
DOUBLE LARGE-FLOWERING. Our seed wil	1
produce flowers large, fragrant, elegantly former and beautiful either for house, garden or con servatory Only a small proportion of the double	1
servatory Only a small proportion of the double	e
strains hear double flowers. The reason of thi	?.
is the fact that the seed must be selected fron single flowers, the double ones not producing seed. The single flowers must be pollinated with	2
seed. The single flowers must be pollinated with	h
pollen from the double ones. Cuttings may be	e
made from double-flowered plants and inserted	b
in light, sandy loam for rooting, thus increasing the percentage of double-flowering plants.	-
Pkt	
Fringed Crimson. Gorgeous colors; extra-	•
large flowers	o
Fringed Heliotrope. Mauve and helio-	
trope colorings	
Fringed Rose	J
Flowers large and much beruffled 73510	0
SINGLE BEDDING VARIETIES. Smaller-flowered	
sorts, found most valuable for beds and masses	
ı ft.	
Countess of Ellesmere. Dark rose, with	
fine white throat	0
Howard's Star. Rich crimson; distinct white	
star in center; very showy and attractive.	
73550 I	5
Rosy Morn. Bright, rosy pink, with white throat; very charming, compact, and free-	
flowering; for bedding73560 1	5
White. Pure white: compact grower. A	
very good white sort73580 2	5
Inimitable, Mixed. Striped and spotted.	
73590 In Mixed Single. Fine colors. 1/4 oz. 40c.	0
73600 II	0
PASSION FLOWER	
‡Passiflora caerulea. hhP. Blue72780	

hhP.

PENTSTEMON

Beautiful herbaceous perennials; very hardy and free-flowering; fine for beds and borders or

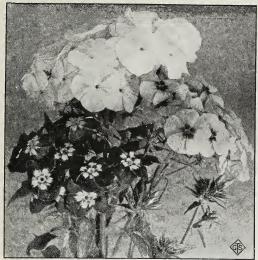
centranthifolius. Bright scarlet. 2 ft...72880 15

Large-flowered Varieties, Mixed. 3 ft. . 72930 15

rock gardens; excellent cut-flowers.

incarnata.

Pink72810 15



Phlox Drummondii

PHLOX DRUMMONDII

(Flame Flower.) The hardy annual Phloxes are dazzling in effect, particularly so when sown in masses or ribbon beds of contrasting colors. Few flowers are so easy to grow from seed, so pretty and compact in habit, so quick to bloom, or give such a brilliant display of color for so little cost and care. There are few desirable colors beyond their range, and if given good soil and plenty of water, they will furnish a long supply of delicate flowers. For pot culture dwarf varieties are valuable and as an under-growth for tall, bare-stemmed plants they are also valuable. The first sowings should be made as soon as the frost is out of the ground in spring, later ones in May, either where the plants are to bloom, or in a seed-bed, as the Phlox transplants readily. In transplanting set the taller kinds about a foot apart; if planted too thickly, they suffer from mildew. Cutting away the flowers and seed-pods makes the plants more bushy and compact, and lengthens their blooming time. Average height, 1 ft.

GRANDIFLORA. This section has beautiful, round-petaled flowers, larger than in the older sorts; showy and constant, blooming in the greatest profusion from early summer to frost. Our strain is far superior to that ordinarily sold.

5014	Pkt.
alba. Pure white flowers borne in profusion all summer73770	
" oculata. White, with violet eye.	
73780	
atropurpurea. Dark purple73790	10
Crimson. Bright color73820	10
rosea. Rose73850	10
stellata splendens. Star-like; crimson. 73860	15
Mixed. Splendid, large-flowering sorts. 1/4 oz. 6oc	10

DWARF VARIETIES. Plants of this charming section grow only 6 to 8 inches high and form dense masses of bloom all summer. They are especially useful for beds, edgings, pots, etc.

Brilliant Crimson73955	Pkt.
Purple. Rich dark color73965	10
Snowball. Pure white; fine for pots.73980	
Vermilion, White Center73995	
Yellow74000	
Fancy Mixed74030	10

PERENNIAL PHLOX

This hardy sort makes bushes about 3 feet high bearing large heads of finely colored flowers.

				PKt.
decussata,	Mixed		.74090	10
"	Large-flowered	Hybrids,	Mixed. 74110	

†PHYSALIS (Chinese Lantern Plant)

Francheti. A very ornamental, hardy perennial; has large orange fruits which, dried, are beautiful in winter bouquets. 2 ft. .74180 25

PHYSOSTEGIA (Obedient Plant)

PINKS (Dianthus)

In this large and greatly varied genus are some of our most beautiful and best-loved flowers, unsurpassed for color and fragrance. They are hardy biennials that bloom finely the first season, remaining green all winter and blooming the next year also, if lightly protected. Old plants flower the earliest, but as young ones give the largest, finest flowers, sowings are made every year. Seed can be sown under glass in the spring, or in an open, sheltered bed. The seedlings are easily transplanted and should stand 8 to 12 inches apart; dwarf ones about 6 inches. If especially large, brilliant flowers are desired, a bed of well-mixed turfy loam, leaf-mold and well-decayed manure should be prepared for them. Average height, 1 ft.

CHINENSIS (China or Indian Pinks). The flowers of all are double and showy.

Double Wh	ite China	Pink	74280	10
			All best col-	
c	rs. 1/4 oz.	30c., oz.	\$1.0074290	10
Single Mix	e d		74310	10

HEDDEWIGII (Japan Pinks). Unusually large and brilliant; often oddly edged, striped and ringed.



Types of Pinks (Dianthus)

PINKS (Dianthus)—Continued HEDDEWIGII—

EDDEW	'IGII—	Pkt
Single,	The Bride (Little Gem). White, with purple center74320	I
"	Crimson Belle. Flowers large and handsome, dark red, on long, stiff stems	10
"	Eastern Queen. Rose-colored flowers, 2 to 4 inches across; finely striped and stained74340	I
"	Mixed. 1/4 oz. 50c74360	I
"	$Mixed, \;\; Giant-flowered \dots 74370$	1
Double	, Mixed. A splendid assortment. 1/4 oz. 50c	10
"	diadematus flpl. (Diadem Pink). Double; magnificent in color and variety. ¹ / ₄ oz. 75c74390	I
"	Fireball. Brilliant scarlet; very compact and floriferous vines; for massing. ¹ / ₄ oz. \$1.0074400	I
"	Mourning Pink. Very large, double flowers of blackish crimson, fringed white: very effective, and a handsome cut-flower74410	I
ACINIA	TUS-	

Single, Mixed. Fringed flowers of all colors.

Fringed Double, Mixed. 1/4 oz. 50c...74515

 PLUMARIUS (Sweet May Pinks). These are fine, fragrant, hardy perennials of the old-time gardens, most beautiful for massing and cutting.

Single Pinks, Mixed. ¼ oz. 40c...74650 10

Double and Semi-double Grass Pinks.
Pretty flowers of delicate colors....74680 20

Double Mixed. Extra fine.......74690 20

PLATYCODON

(Chinese Bellflower.) Handsome, hardy perennials that do best in light, dry situations; bushy growth; bear large, bell-shaped flowers in great profusion.

grandiflorum. Deep blue. 2 ft.....74800 10

" album. White. 2 ft..74810 10

See, also, Campanula.



Platycodon grandiflorum

POPPY (Papaver)

Before tulips are fairly gone our gardens begin to be gay with Poppies. Few flowers have the same grace of stem, airiness of poise, and delicacy of tissue. For beds and borders, with a background of green, there is nothing finer. Some sorts are admirable for naturalizing in open wooded grounds; others, like the Shirley, are beautiful for cutting. A sandy loam suits Poppies best, and, as their strong tap-roots are difficult to transplant, it is well to sow the seed where the plants are to bloom. Sowings made in fall and at intervals in spring will provide a long succession of flowers. Sow thinly, covering very lightly, and thin the plants are those grown from early sowings while the soil is cool and moist.

PERENNIAL VARIETIES. Tall, large-flowered, and showy. Average height, 2 to 4 ft.

IO

10



Iceland Poppy

POPPIES—Continued	
PERENNIAL VARIETIES—	
orientale. Enormous flowers of deep, flashing scarlet, with black spots in center; entirely hardy anywhere; fine for cutting. 3 ft.	kt.
	15
" Brilliant. Vivid scarlet; beau-	-
" Mixed Hybrids. Finest shades.	15
nudicaule (Iceland Poppy). These dwarf, bright yellow Poppies form one of the chief attractions of the garden through several months. They are most beautiful when grown in masses from seed sown every year; if sown very	.0
early they bloom same season.	15
grace 75040	15
" album. Pure white75050	15
" Mixed. $\frac{1}{4}$ oz. $75c75060$	15
ANNUAL VARIETIES. This section includes fi double and single flowers of greatly varyi sizes, self-colored, and daintily edged. All a easily cultivated and greatly admired. Avera height, 3 ft.	ng .re
P	kt.
English Scarlet Field Poppy. 1/4 oz. 25c.	10
75110 Maid of the Mist. Pure white; single; very	10



large; deeply fringed. 3 to 4 ft...75130 10

Shirley Poppies

	Pkt.
Shirley Best Mixed. Indescribably bright,	
dainty and gauzy; a favorite for cut-	
ting. ¹ / ₄ oz. 50c	10
glaucum (Tulip Poppy). Striking, tulip-	
shaped flowers of intensely brilliant scar-	
let; dwarf. 1/4 oz. 50c	10
Single Mixed. Oz. 35c	10
Double American Flag. White, bordered	
with scarlet; exceedingly brilliant	
flowers. 1/4 oz. 25c75220	10
" Cardinal. The immense scarlet	
flowers last unusually well.75230	10
" Carnation-flowered, Mixed. Very	
double; fringed. 1/4 oz. 50c. 75260	10
" Mikado, Large, white flowers,	
" Mikado. Large, white flowers, fringed with rose. 1/4 oz. 25c.	
75270	10
" Paeony-flowered, Dwarf, Fireball.	
Deep scarlet; very large-flower-	
ing. ½ oz. 25c	10
" Paeony-flowered, Snowball, White:	
large-flowering75290	10
" Paeony-flowered, Mixed. Large,	
handsome flowers of many colors.	
1/4 oz. 25c	10
" Queen. Double flowers of the Shir-	
ley type. Very delicate and bril-	
liant colors, from palest pink to	
rosy scarlet	15
" Ranunculus-flowered, Mixed.	
Flowers small, finely formed,	
double. ¼ oz. 50c 75320	15
" somniferum (Opium Poppy).	
½ oz. 25c 75322	10
" Mixed, All Sorts. Oz. 25c75340	10



Single Portulaca

PORTULACA

This charming little hardy annual is unrivaled for brilliancy among plants of low growth, and, although it flourishes under almost all conditions, hot sun and a light, sandy soil suit it best. The seed does not germinate until hot weather, and should be sown late. This plant requires little care and can be transplanted in full flower. Average height, 6 in.

SINGLE VARIETIES. Each strong plant will cover a space of about 1 foot or more in diameter.

albiflora. Pure white. 1/4 oz. 50c...75420 10 rosea. Rich rose. 1/4 oz. 50c.....75450 10 splendens. Crimson. 1/4 oz. 50c....75460 10



PORTULACA—Continued

	Pkt.
Thorburnii. Bright yellow75480	10
Striped. 1/4 oz. 50c	10
Mixed. 1/4 oz. 40c	10

DOUBLE VARIETIES. These flowers are so full and perfect as to resemble tiny roses. Toward the close of the season they will increase in size and beauty. As the full, double flowers do not produce seed, it must be saved from the semidouble flowers growing with the full-doubles. The product of that seed will produce many single flowers. As these bloom earlier, they can be pulled out like weeds. When the full-doubles appear, cuttings can be made from them and the bed extended indefinitely with only fulldouble flowers. Our strains must not be confused with the ordinary, cheap seed usually sold. Pkt.

Double	Kermesina. Crimson75515	10
"	Rose. 1/4 oz. \$1.5075530	
"	Scarlet. 1/4 oz. \$1.5075560	10
-66	White. 1/4 oz. \$1.5075580	10
"	Yellow. 1/4 oz. \$1.5075590	10
"	Mixed. Grown from cuttings; a	
	splendid assortment of colors.	
	1/4 oz. \$1.25	10

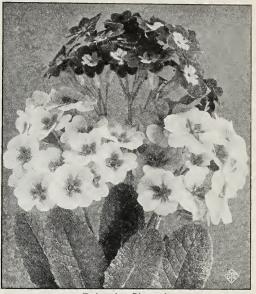
POTENTILLA

Handsome and brilliant in flower are these desirable, hardy perennials. Foliage ornamental; bloom all summer; of the easiest cultivation. 2 ft.

PRIMULA

CHINESE PRIMROSE. gP. Primula, or Chinese Primrose, stands in the first rank among greenhouse plants, and is fine for winter and spring blooming. It is free-flowering and is especially valuable for cut-flowers and for house- and window-culture. A cool place suits it best. Sow the seeds in drills in a light, rich soil, in shallow boxes, at any time from the middle of March to the end of May; the earliest sown seed will naturally produce the earliest bloom. Cover the seed about 1/8 inch and press the soil on them with a board or the bottom of a pot. Water moderately; avoid forcing the seed. The plants must be well ventilated, well watered, and slightly shaded. Average height, 9 in. sin

gntry	snadeu. A	verage	neight, 9	111.	Pkt.
nensis	fimbriata	alba.	White;		
				75720	50
"	fimbriata				
	white;	fringe	ed; extr	a-choice.	
	· ·	ŭ		75730	50
"	fimbriata,	Bright	Rose.	Dainty	
	fringed	flowers	8	75740	50
"	fimbriata	coccin	ea. Brig	ght red;	
	fringed			75750	50
66	fimbriata	caerule	a. Blue;	fringed.	
			,	75760	50
"	fimbriata,	True	Blue, o	r Giant	_
			ie. Bes		
	beautifu	1 fimbri	ated bloo	ms: verv	
					50
66	fimbriata,	Extra	a-Fine I	Mixed.	



Daimarela	Cim-	
Primula	Sinei	1813

stellata, Blue Star Improved. This is a
strain of really Giant Blue Star
Primulas. Very desirable75895 50
" Crimson. The grandest colored
of all Star Primulas. Rich crim-
son blooms
Giant White Star, Pure White
massive blooms, produced in
great abundance75899 50
Salmon-Fink. Greatly Improved
strain. Fine for table decora-
tion
wixed (Star Frindras). Very
floriferous
OBCONICA. gP. For open border; also do well
in the house window-garden. Continuous and
free bloomers during the winter months. Pkt.
grandiflora alba. White76000 25
carminea. Carmine/6010 25
gigantea Kermesina, Carmine.
Red
gigantea, Rose/6110 25
gigantea, Mixed. Glant now-
ering
HARDY VARIETIES. The hardy Primroses are
among the most prized of our spring-blooming
plants. A slight protection will be found bene-
ficial. 1 to 1½ ft. Pkt.
japonica hybrida, Mixed. hP. From a fine
collection
PRIMROSE, Evening (Oenothera). The Oeno-
thera, or Evening Primrose, blooms all summer
very freely. The bright, poppy-like flowers open
early every evening and last well into the next
day; of the easiest culture in sunny situations.
Pkt.
Oenothera Drummondii. hA. Light yel-
low. 1½ ft
Lamarckiana. Inb. Large vei-
low flowers. 3 ft76320 10

rosea (mexicana). hA. Bright

RHODANTHE

Beautiful,					
much pr	rized fo	or winter	bouquets	. Thes	e half-
hardy a	nnuals	are also	valuable	garden	plants.
Glaucou	s gray	foliage.	1½ ft.		

maculata.	Rose,	with	dark	center.	76570	10
"	alba.	Pure	wh	ite	76580	10
46	Mixed				76590	10
Manglesii.	Rose;	very	fine		76600	10

RICINUS (Castor-Oil Plant)

Picturesquely showy and imposing, the Ricinus gives to the garden magnificent semi-tropical effects. Grown as a specimen, it makes a perfect pyramid of gigantic leaves; a dozen plants in a large bed show a glorious mound of glistening colors and may be admired from a long distance; planted thickly, it soon forms a handsome screen or hedge; the lower-growing darkleaved sorts are beautiful for dotting here and there among cannas, scarlet pelargoniums, etc. Tall varieties grow from 8 to 10 feet high, with leaves several feet across and beautifully lobed. Half-hardy annuals.

lobed. Hall hardy amidals.	Pkt
borboniensis arboreus. Green foliage. 15 ft.	
76680	10
cambodgensis. Glistening dark maroon; stems	
blook # f# 76600	

cambodgensis. Gustening dark maroon, stems	
black. 5 ft	10
sanguineus. Red stems and seeds. 6 ft 76760	10
Mixed Fine sorts Oz 250 76790	TO

ROCKET (Sweet Rocket; Hesperis)

Spring-flowering, hardy herbaceous perennials; fragrant; easily grown in light soil; transplant frequently; very free-blooming.

rioquonity, vory rice brooming.						Pkt.
matronalis.	Purple.	3 ft.	1/4 oz.	20C., 0Z.	5OC.	
				76	880	10
"	alba.	White	; fine	cut-flor	ver.	
				76		10
"	Mixed			76	910	10

ROSE CAMPION. See Agrostemma coronaria. ROSE OF HEAVEN. See Agrostemma Cæli-rosa.

SALPIGLOSSIS (Painted Tongue)

These showy, half-hardy annuals bear beautiful, funnel-shaped flowers having dark veins on a ground which varies from white to crimson, yellow, orange, etc., and intermediate shades. They are easily grown, require a light, rich, sandy loam and will respond to liberal treatment. Bloom from late summer until frost. 2 ft.

	Pkt.
grandiflora, Extra-Choice, Mixed. A fine as-	
sortment of colors77160	10
" superbissima (Emperor), Mixed.	
Finest strain of very large	
flowers. 1/4 oz. 75c77210	10
Tall Mixed. 1/4 oz. 75c	10
Dwarf Mixed. 1/4 07. 750	TO

RUDBECKIA (Coneflower)

Attractive and compact-growing plants, most suitable for beds and borders or clumps among shrubs; showy, large, yellow flowers with dark central cones; easily grown.

		 0.11			Pkt.
	superba.				
stems.	2 ft	 	7'	7010	IO

Newmannii. hP. Vivid orange-yellow. 3 ft. 77030 10

SANVITALIA procumbens fl.-pl.

Beautiful dwarf-growing, hardy annual for beds or borders; bright yellow, double flowers; blooms all summer. 6 in....77490 10

SAPONARIA

(Bouncing Bet.) Pretty, dwarf bedding plants, especially adapted for edgings and borders; long and profuse bloomers. I ft.

ocymoides. hP. Rose-colored flowers; trailing; blooms early; fine for rockwork. 6 in.

77540 10

‡SMILAX

(Myrsiphyllum asparagoides.) A well-known greenhouse climber, with small, dark green foliage; of great value in floral work. 8 ft.



Salpiglossis Grandiflora

SALVIA (Flowering Sage)

The Salvia splendens is a standard bedding plant that keeps the garden bright with color until late in autumn. For pot culture, for cutting and for borders, etc., it is very valuable. In this climate sow seed in window-boxes or frames in March or April and ext the plants without the March or April, and set the plants outdoors the latter part of May, or sow outdoors not before June 1, and protect from heavy rains and strong winds. The plants grow and bloom profusely in any light, rich soil. Both the tender and hardy perennial sorts bloom the first year, and all are treated as annuals.

argentea. hP. Silver-leaved; flowers white; farinacea. hA. Light blue flowers in great patens. A handsome, tender, perennial, with erect spikes of rich, blue flowers; fine for

borders or the greenhouse. 2 ft....77330 15 SPLENDENS (Scarlet Sage). hhP. These are the well-known bedders, single plants of which carry many long, flaming flower-spikes open at one time, keeping up the display until frost.

grandiflora, Scarlet. A rich-flowered bedder; long spikes. 3 ft. 1/4 oz. 60c.77360 Bonfire. Our well-known, compact Salvia —the freest blooming of all, seemingly on fire all the time, with dense, flaming scarlet spikes. 21/2 ft. 1/4 oz. \$1.50...77400

Early Dwarf Zurich. Grows only 12 to 15 inches high, with many fine, erect, slender spikes to each plant, borne well above its handsome foliage. Color brilliant scarlet; splendid bedding variety, earliest of all.

Silverspot. Rich, green leaves elegantly spotted with yellow. The intense, bright scarlet flowers are large and lavishly borne; neat and compact. 2½ ft..77440 25

SCHIZANTHUS

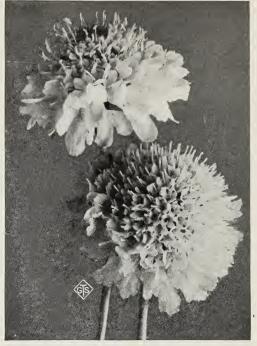
Very beautiful and showy, hardy annuals, fine for beds and borders in the summer garden. Grown in pots in early spring in the greenhouse. they become elegant foliage plants, with masses of flowers. $\frac{1}{2}$ to 2 ft.

retusus. Red; splendid.................77770 albus. White, inside yellow; very wisetonensis. Light shades; long and profuse blooming; fine pot-plant. 77810 May Blossom. Pale rose-pink and white. Free from any markings or darker tints. Dwarf, compact, pyramidal

SENECIO. See Jacobæa.

SENSITIVE PLANT. See Mimosa pudica.

Mixed77840



Scabiosa

SCABIOSA

(Mourning Bride; Scabious.) Well-established garden favorites. They grow about 2 feet high and flower through the summer until frost. The flowers are borne on long stems and last a long time when cut. Fine for beds or borders. Sow seed outdoors in spring when danger from frost is past.

caucasica (Blue Bonnet). hP. This hardy perennial should be in every garden. The flowers are large and semi-double, of pale lavender color, growing on long stems;

HARDY ANNUALScandidissima fl.-pl. (Snowball). Double; Tall Black-Purple. 1/4 oz. 50c.....77620 Flesh-Color. 1/4 oz. 50c......77630 Tall Lavender. 1/4 oz. 50c....77635 Mixed, Tall. Large flowers of bright colors.

SEDUM (Stonecrop)

Showy and useful little plants for carpet bedding, edgings, rockwork, stone walls, etc. caeruleum. hA. Blue. 4 in........77910 10





Snapdragon

SNAPDRAGON (Antirrhinum)

The Snapdragon is one of our finest perennials, flowering the first year from seed. Its bright-colored, curiously formed flowers always excite interest. The rich spikes are beautiful for cutting, and keep fresh a long time. Flower pro-fusely through summer until frost. For early flowers, sow under glass in February or March, and transplant into beds of warm, dry soil moderately enriched. The Snapdragon is treated as an annual and the seed sown every year. Average height, 2 ft.

TALL LADGE ELOWEDING VADIETIES	
TALL, LARGE-FLOWERING VARIETIES—	D1.
	Pkt.
Blood-Red. Fine color. 1/4 oz. 75c78170	15
Firefly. Scarlet and white. 1/4 oz. 75c.	
78190	15
Garnet. 4 oz. 75c	15
Nelrose. Silvery pink; very long stems;	
fine for greenhouse. 1/4 oz. 75c78205	15
Orange Beauty. Very large-flowering,	
lovely orange-scarlet with gold tip. 78208	15
Queen Victoria. Pure white78210	15
Rose. 1/4 oz. 75c	15
Venus. Delicate pink, with white throat.	
1/4 oz. 75c	15
	_
White. Beautiful for cutting78230	15
Yellow. A pure, soft color78240	15
Large-flowered, Mixed. Fine. 1/4 oz. 50c.	
78270	15
SEMI-DWARF VARIETIES. Plants of this	sec-
tion make excellent bedders, as they bloom e	xtra
profusely and are only about 15 inches high	
protesting and a series of	DL

Black Prince. Nearly black......78310 15

	Pkt.
Cottage Maid. Pale coral-pink, white thro	at. 30 15
Crimson King. Bright crimson; a deep color than Scarlet King783	er 40 15
Golden Beauty. Large, sturdy spikes; ri golden yellow. 1/4 oz. 75c783	ch 45 15
Queen of the North. Pure white; smaleaved. 1/4 oz. 75c7836	ll- 6 0 15
Rose Dore. Pretty, self-colored salmo rose. 1/4 oz. 75c7837	n-
Rose Queen. Rich rose	
Fine Semi-Dwarf Mixed. 1/4 oz. 50c7840	00 15
Collection of Snapdragons,—six varieti Finest Tall	es 50 50
DWARF LARGE-FLOWERED. A compact	strain.
Flowers variously colored. This type may good pot-plant and is invaluable in bord beds. Height, 6 in.	akes a
<u> </u>	Pkt.
Rose. Charming shade of old rose. 7840	
White. Flowers in greatest profusion. 7840	03 15

SOLANUM

gP. The Solanums are very ornamental, fruit-bearing plants, and thrive best in light, rich soil. Fine for winter decoration in the house or conservatory, and especially desirable for the Christmas season. If used in summer garden, give very warm situation. I to 3 ft.

Capsicastrum (Jerusalem Cherry). Scarlet, globular berries; fine for pots. 1 to 11/2 ft. 78480 IO

STATICE

(Sea Lavender.) Pretty plants for the summer garden in beds or borders; good for rockwork also; much valued when dried as Everlastings for winter bouquets. I to 2 ft.

sinuata. hA. Blue; very fine.......78640 10 candidissima. hA. White; fine for

SILENE (Catchfly)

Bright-colored and free-flowering hardy annuals, suitable for rockwork or garden beds and borders, blooming all summer; succeed finely in any light, loamy soil. 1 ft.

	·	L Kt.
pendula.	Red	15
"	alba. White77985	15
«	Double Rose77990	15
"	Bonnettii. Dark purple; dark stems.	
	78010	15
"	Mixed78020	10

See Sedum. STONECROP.

SUMMER CYPRESS. See Kochia trichophylla.

SWEET PEAS

Lathyrus odoratus



Giant Spencer Sweet Peas

A deep, rich, moist soil is best suited to Sweet Peas, hence a trench should be dug 11/2 feet deep and filled with very best loam mixed with bone meal or well-rotted manure. The vines are usually grown in double rows, with a wire trellis or a row of brush between. For each double row make the drills about 12 inches deep, and 9 to 10 inches apart. Sow plentifully, covering about 2 inches deep, and, by degrees, as the vines grow up, fill the trenches with soil, and thin out to about 2 or 3 inches apart. Spring sowings should be made just as early as the ground can be prepared; whiteseeded varieties should not be sown until the ground is fairly warm.



Thorburn's Selected Sweet Peas in Assortment

Assortment containing 1 pkt. each of 10 named grandiflora varieties, Our Selection......52020 \$0.4

TOO

EARLY-FLOWERING SPENCER SWEET PEAS

This new race of Sweet Peas is expected eventually to take the place of all other early and late varieties, as they bloom from four to six weeks earlier than the late-blooming Spencers sown at the same time and continue blooming for four months. They are vigorous growers with immense waved flowers borne on long, strong stems in threes and fours, adaptable to our warm summers, and free-flowering. We strongly recommend a trial of these new creations.

All at 25c. per packet.

	Oz.		Uz.
Harmony. The best clear Lavender; very large54560	\$1.00	Early Song Bird. Soft blush pink; large, fine flowers; borne on long stems in threes and fours	\$1.00
Peace. Rose-pink on cream; most attractive54562	1.00	Early Heather Bell. Beautiful shade of	φιιου
Warrior. Very large shining maroon; most desirable	1.00	rich mauve; stems long. A splendid acquisition to the Early Spencers 54588	1.00

EARLY FLOWERING SPENCER SWEET PEAS-Continued

All at 25c. per packet.

	Oz.	1	Oz.
Yarrawa. Rose-color on first opening,		True Blue. Light violet blue54594	\$1.00
changing to a charming combination of light pink standards and blush wings. 54590	\$1.00	Rose Queen. Fine shade of rose-pink. 54596	1.00
		White Orchid. Flowers most beautifully waved54598	1.00

SUMMER FLOWERING SPENCER SWEET PEAS

These are noted for their unusually large-sized flowers, and for the waved or fluted appearance of the petals. They are also frequently referred to as "Orchid-flowering" Sweet Peas.

1 ounce will plant a row of 20 to 30 feet, and 1 packet a row of 6 to 8 feet.

All at 10c. per packet.

BLUE (Light and Dark)	Oz.	George Herbert. Rich salmon-rose color; splendid	.50
Asta Ohn. Lavender, tinted mauve; deli-	02.	Hope. Soft rose	.50
cate coloring; very large53900	0.50		
Captain of the Blues Spencer. A fine	50	SALMON and ORANGE	Oz.
purple	.50	Barbara. Fine salmon54310	\$0.50
tinged with purple53920	.50	Fiery Cross. Red-orange-cerise; very bril-	
Masterpiece. Lavender53935	.50	liant54326	.50
Royal Purple. Rich, warm, rosy purple; immense flowers53952	.50	Helen Lewis. A very fine orange-pink; most showy54330	.50
Tennant Spencer. Beautiful purplish mauve, self-colored	.50	Mrs. Hardcastle Sykes. Beautiful light	
Margaret Madison. Azure blue53965	.50	salmon-pink; large flower54350	.50
		SCARLET	
CRIMSON and MAROON		Cardinal. Brilliant, intense poppy-scarlet;	
King Edward VII. Crimson54010	.50	large-waved flowers, borne four to a stem. The best sunproof scarlet54363	
Maud Holmes. Crimson self54020	.50		.50
Nubian. Very dark crimson-maroon; large and waved54030		Royal Scot. Scarlet cerise54370	.50
Othello Spencer. An elegant rich, deep	.50	Thos. Stevenson. Fine orange scarlet. 54375	
maroon	.50		.50
		WHITE	
PINK		America Spencer. White, striped with crimson-red54390	.50
Countess Spencer. Beautiful, soft rose- pink. One of the best54110	.50	King White. Pure white; flowers of enor-	
Elfrida Pearson. Giant shell pink54180	.50	mous size and fine form54404	.50
Mrs. C. W. Breadmore. Cream, pink edged; very large flower54172	.50	White Spencer. Pure white; large, beautiful waved flower54420	.50
Mrs. H. Dickson. Pale salmon pink on cream ground54210		YELLOW SHADES	
Apple Blossom Spencer. Rose standards;	.50	Clara Curtis. Primrose54470	.50
blush-rose wings; large flowers54220	.50		•50
Blanche Ferry Spencer. Carmine-rose, with white wings54225	.50	Dobbie's Cream. Fine; large; primrose. 54480	.50
Constance Oliver. Buff-pink; large flower. 54228	.50	Primrose Spencer. Light primrose-yellow; finest formed flowers54490	.50
SWEET P	EAS	IN MIXTURE	

.10 .30 .85 1.60 3.00

varieties54820

THORBURN'S SPECIAL MIXED. Comprising the finest Eckford and Pkt. Oz. ¼ lb. ½ lb. Lb. newest and best large-flowering (Grandiflora) varieties54800 \$0.10 \$0.15 \$0.40 \$0.70 \$1.25 Spencer Varieties, Mixed. A very fine assortment of all the best

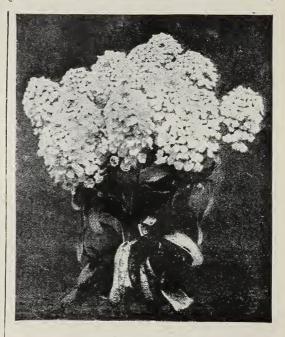


STOCKS (Matthiola)

Stocks have good habit, fine leaves, beautiful and fragrant flowers, a long season of bloom and adaptability to many conditions of culture. They are unsurpassed for bedding, edging, potculture and for cutting. For fine early flowers sow under glass in March or April, transplanting the seedlings when an inch high into other pots or boxes, or into fine soil spread over some discarded hotbed. In May transfer to garden beds of deep, rich soil, setting the plants a foot apart. Transplanting several times in the early stages of growth tends to make them more dwarf and compact. For later flowers sowings may be made in the open ground in May. If plants that begin to bloom late are carefully potted in fall they will flower finely all winter in a house that is tolerably cool and moist. Average height, I to 11/2 ft.

TEN MERKS II ICL. 1

TEN WEEKS. Half-hardy annuals.	Pkt.
Large-flowering Dwarf Pyramidal, Finest	
Mixture	25
Dwarf Large-flowering. Long, splendid	
spikes; large, double flowers.	
Bright Red78870	10
Carmine	10
Crimson	10
Dark Blue. Beautiful78910	10
Light Blue. Exquisite78930	10
Rose. Very dainty, light color78940	10
Snow-White	10
Violet78960	10
Mixed78980	10
Dresden Perpetual or Branching-	
Cut-and-Come-Again, Princess Alice,	
White. Large spikes; popular variety for cutting	2.
Snow White	25
	25
Cut-and-Come-Again, Empress Augusta Victoria. Delicate silvery lilac flowers	
in magnificent trusses; of true pyra-	
midal growth. 2 ft79010	25
Brilliant. Blood-red79015	25
Creole. Canary-yellow79017	25
May Queen. Pale blue79018	25
Mixed79020	25
AUTUMN AND LATE-FLOWERING	
Winter, or Brompton Large-flowering—	
Empress Elizabeth. Bright rose79275	25
White Lady79290	25
Winter "Nice" Varieties, Large-flowering—	- 3
Abundance. Carmine-rose79310	25
Beauty of Nice. Flesh-color; extra-large flowers	25
Cote d'Azure. Violet-blue79325	25
	25
Monte Carlo. Pure yellow79330 Crimson	25
	25
Pure White	25
Queen Alexandra. Rosy lilac79350	25
Mixed79370	25
SWEET SULTAN. See Centaurea moschata.	



STOKESIA (Cornflower Aster)

This popular, hardy perennial bears, all summer, large, attractive flowers resembling semi-double asters; fine for cut-flowers. 2 ft.

SUNFLOWER (Helianthus)

Very stately and decorative hardy annuals, with great masses of yellow flowers. Among shrubbery, and for backgrounds and screens, nothing could be finer. Their long stems and wonderful lasting qualities make them valuable as cutflowers, and the seed is used for feeding birds. They are said to be good for absorbing the miasma of low grounds. Plant the seed in the open garden in spring, and thin the plants to stand 3 to 4 feet apart.

argyrophyllus (Texas Silver Queen). Has handsome silvery foliage and a profusion of small, elegant, single flowers. 4 ft. 79670

cucumerifolius. Of pyramidal growth; small, bright orange, single flowers. 3 ft.

Cucumerifolius Stella. Handsome; large- flowered; primrose-yellow. 79700 10 "Single, Fine Mixed. 1/4 02. 35c. 79730 10 Double California. Dark yellow. 5 ft. 79740 10 "Dwarf. Beautiful, dahlia-like flowers; 3 inches across		
cucumerifolius Stella. Handsome; large- flowered; primrose-yellow. 79700 "Single, Fine Mixed. 1/4 oz. 35c. 79730 Double California. Dark yellow. 5 ft. 79740 "Dwarf. Beautiful, dahlia-like flowers; 3 inches across	SUNFLOWER (Helianthus)—Continued	
flowered; primrose-yellow. 79700 "Single, Fine Mixed. ½ oz. 35c. 79730 10 Double California. Dark yellow. 5 ft. 79740 10 "Dwarf. Beautiful, dahlia-like flowers; 3 inches across	Pk	t.
flowered; primrose-yellow. 79700 "Single, Fine Mixed. ¼ oz. 35c. 79730 10 Double California. Dark yellow. 5 ft. 79740 10 "Dwarf. Beautiful, dahlia-like flowers; 3 inches across	cucumerifolius Stella. Handsome: large-	
"Single, Fine Mixed. 1/4 oz. 35c. 79730 10 Double California. Dark yellow. 5 ft. 79740 10 "Dwarf. Beautiful, dahlia-like flowers; 3 inches across		
"Single, Fine Mixed. 1/4 0z. 35c. 79730 10 Double California. Dark yellow. 5 ft. 79740 10 "Dwarf. Beautiful, dahlia-like flowers; 3 inches across		
Double California. Dark yellow. 5 ft. 79740 "Dwarf. Beautiful, dahlia-like flowers; 3 inches across		.0
Double California. Dark yellow. 5 ft. 79740 "Dwarf. Beautiful, dahlia-like flowers; 3 inches across	" Single, Fine Mixed. ¼ oz. 35c.	Ì
" Dwarf. Beautiful, dahlia-like flowers; 3 inches across	79730 I	0
" Dwarf. Beautiful, dahlia-like flowers; 3 inches across	Double California. Dark yellow. 5 ft. 79740	0
ers; 3 inches across		-
"Globe-flowered. Ball-shaped; blooms late. 3 ft		
macrophyllus giganteus. Huge leaves and yellow flowers		0
macrophyllus giganteus. Huge leaves and yellow flowers	" Globe-flowered. Ball-shaped; blooms	
macrophyllus giganteus. Huge leaves and yellow flowers	late. 3 ft	o
yellow flowers		-
Primrose-colored. Graceful flowers of a lovely color; beautiful for cutting. 5 ft. 79810 10 Sutton's New Red. Of freely branching habit, producing numerous well-shaped, dark-centered flowers, banded with bright chestnut-red, merging to yellow		
lovely color; beautiful for cutting. 5 ft. 79810 10 Sutton's New Red. Of freely branching habit, producing numerous well-shaped, dark-centered flowers, banded with bright chestnut-red, merging to yellow79815 10 Cactus or Sun's Eye. 6 ft79733 10 Henry Wilde. Single. Yellow, dark center. 4 ft	yellow flowers	0
Sutton's New Red. Of freely branching habit, producing numerous well-shaped, dark-centered flowers, banded with bright chestnut-red, merging to yellow79815 Cactus or Sun's Eye. 6 ft79733 Henry Wilde. Single. Yellow, dark center. 4 ft	Primrose-colored. Graceful flowers of a	
Sutton's New Red. Of freely branching habit, producing numerous well-shaped, dark-centered flowers, banded with bright chestnut-red, merging to yellow79815 Cactus or Sun's Eye. 6 ft79733 Henry Wilde. Single. Yellow, dark center. 4 ft	lovely color: beautiful for cutting, 5 ft.	
Sutton's New Red. Of freely branching habit, producing numerous well-shaped, dark-centered flowers, banded with bright chestnut-red, merging to yellow		0
habit, producing numerous well-shaped, dark-centered flowers, banded with bright chestnut-red, merging to yellow79815 10 Cactus or Sun's Eye. 6 ft79733 10 Henry Wilde. Single. Yellow, dark center. 4 ft		
dark-centered flowers, banded with bright chestnut-red, merging to yellow79815 10 Cactus or Sun's Eye. 6 ft79733 10 Henry Wilde. Single. Yellow, dark center. 4 ft		
chestnut-red, merging to yellow79815 10 Cactus or Sun's Eye. 6 ft79733 10 Henry Wilde. Single. Yellow, dark center. 4 ft	habit, producing numerous well-shaped,	
chestnut-red, merging to yellow79815 10 Cactus or Sun's Eye. 6 ft79733 10 Henry Wilde. Single. Yellow, dark center. 4 ft	dark-centered flowers, banded with bright	
Cactus or Sun's Eye. 6 ft. 79733 10 Henry Wilde. Single. Yellow, dark center. 4 ft. 79736 10	chestnut-red, merging to yellow79815	O
Henry Wilde. Single. Yellow, dark center. 4 ft79736 10		0.1
4 ft79736 10		
	Henry Wilde. Single. Yellow, dark center.	
Orion. Quilled petals. 3 ft79660 10	4 ft79736 i	0
	Orion. Quilled petals. 3 ft79660	O
Miniature Single Gold. Dark center 79661 10	Miniature Single Gold. Dark center 79661	0



SWEET WILLIAM

(Dianthus barbatus.) The splendid old-fashioned hardy perennial, producing large heads of beautifully colored, sweet-scented flowers in abundance; easily grown, flowering the second year. 1½ ft.

Pkt.

1/2		Pkt.
Single	Auricula-flowered oculatus margina-	
	tus. Various shades, with white eye	
	and white bordered79920	IC
"	Pink Beauty (roseus). Rosy cha-	
	mois. 1/4 oz. 50c79940	IC
"	Scarlet Beauty. Brilliant scarlet; very	
	fine. 1/4 oz. 50c	IC
46	White. 1/4 oz. 50c79960	

								Pkt.
Single	Mixed.	1/4	oz.	50c.			 79970	10
Double	Crimso	n.	1/4	oz. 7	5c		 79990	10
"	White.	1/4	oz.	75C.			 80000	IO
66	Mixed.	1/4	oz.	5oc.			 80010	IO
Annual	l, Finest	Mix	ed.	1/4	oz.	5OC	 80030	10

‡THUNBERGIA

				rapidly grow- that is usually
				for window-
boxe	es, vases,	hanging-	baskets	, trellises, etc.
6 ft.	1/4 OZ. 5	oc		80160

TORENIA

Beautiful tender annuals that, started early in the spring in heat, will bloom continuously all summer until frost; fine for vases, baskets, and the summer garden. 10 in.

Pkt

TO

Fournieri.	Sky-blue, with purple spots and yellow throat80190	TO
"	alba, "White." Pure white with yellow throat80200	10

†TRACHELIUM

	hhP. An attrac	
ing perenn	ial suited to cult	ure as an an-
nual; pale	blue flowers; go	od in garden or
greenhouse	T ft	80240

TRITOMA

(Red-Hot-Poker Plant.) This splendid, half-hardy perennial is also well known as Torch Lily; has gorgeous spikes of bloom; easily grown; should be largely planted. Fine in late summer and fall.

Uvaria grandiflora. Fiery orange flowerspikes; large and showy. 3 to 4 ft..80330 10

TROLLIUS (Globe Flower)

Desirable hardy perennial with large, buttercuplike blossoms; free-flowering through the early summer; do well in any soil. Flowers vary from pale yellow to deep gold, bordering on vermilion. 1½ to 2 ft.

			Pkt.
Mixed	Hybrids	80360	10

†VALERIANA (Valerian)

Very handsome hardy perennials that have been too much neglected; bloom all summer. Fine for borders, wild gardens and rockwork; of easiest culture. 2 ft.

alba.	White.	Oz.	50c 80460	10
			50c80470	
Mixed.	Oz.	40C.	80480	10



VERBENA

hhA. In rich soil, single plants of this most attractive and pretty annual creeper will carpet a space 3 to 4 feet in diameter. Plants raised from seed are cheaper, more vigorous and produce more flowers than those grown from cuttings. For early spring bloom, sow under glass in February; for later flowers sow in March or April. Soak the seed a few hours in tepid water and sow in boxes filled with light, rich soil; cover 1/4 inch deep, press down firmly and water sparingly. When the seedlings are about an inch high, transplant into other boxes, and set out 10 to 15 inches apart each way in May in a sunny situation. The plants bloom continuously from early summer until killed by frost.

hybrida Mammoth Varieties. Plants and flowers are unusually large; extremely floriferous, and borne in large heads.

		Pkt.
"	Blue. 1/4 oz. 50c80752	10
"	Pink. 1/4 oz. 50c80754	10
"	Scarlet Defiance. 1/4 oz. 50c80756	10
"	Striped. 1/4 oz. 50c80757	10
"	White. 1/4 oz. 50c80758	10
"	Yellow (lutea). 1/4 oz. 50c80759	10
"	Mixed. 1/4 oz. 40c80760	IO
"	gigantea, Mixed. Florets very large.	
	80762	10
"	Improved Mammoth, Mixed Auric-	
	ula-flowered. Best of all80770	15

†VINCA (Periwinkle)

tP. Handsome, bushy bedding plants that flower luxuriantly and most profusely all summer from seed sown in February or March in heat; fine also for pot-culture. I to 11/2 ft.

		Pkt.
rosea.	Red80940	10
"	alba. White, with rose center; dainty flowers	10
"	alba pura. Pure white; makes brilliant contrast with the dark green,	
	shining foliage80960	IO
"	Choice Mixed 80970	TO

VIOLET, Sweet-scented (Viola odorata)

hP. Much prized for spring blooming. All the varieties have great beauty, are very fragrant and quite hardy. 6 in. Violet seed takes a long time to germinate.

	I At.
Blue81000	10
The Czar. Very large; dark blue81010	10
White81020	IO



Mammoth Verbena

†VIOLA cornuta

(Tufted Pansies.) hhP. Splendid free-blooming plants for partially shaded situations; with a little winter protection will be permanent for years; bloom continually all the season until frost. 6 in.

cornuta, Purple Queen. 1/4 oz. \$1.50..81040 10 Mauve Queen. 1/4 oz. \$1.50..81050 10 White Perfection. 1/4 oz. \$1.50. 10 Mixed. 1/4 oz. \$1.50......81065 10

pedunculata (California Yellow Violet). 81070



Viola

VIRGINIAN STOCK

(Malcomia maritima.) Early and very free-flow-ering, dwarf, hardy annuals of easy culture; ering, dwarr, narry ambutter bright blossoms; most effective for edgings. Mixed. Oz. 60c......81130 10

VISCARIA

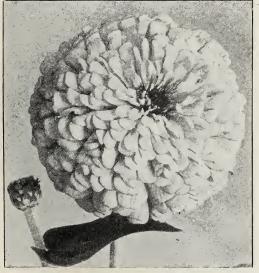
Abundant-blooming, hardy annuals, flowering all summer until frost; very effective for massing in beds and borders; easily grown. r ft.

				Pkt.
elegans	picta.	Rose and so	carlet 811	50 10
"	Mixed.	Bright col	ors812	00 10

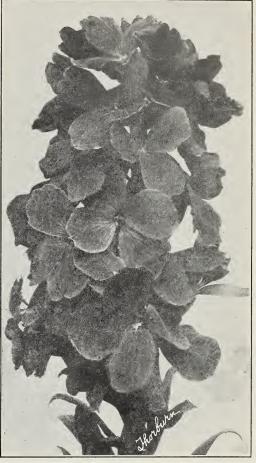
WALLFLOWER

(Cheiranthus Cheiri.) Well-known, half-hardy perennials of delightful fragrance, bearing in spring and early summer long spikes of bright flowers. Start the seed early in the season in heat, protect by coldframes during the following winter and plant out for bedding in spring. Fine also for blooming in greenhouse. 2 ft.

Single-flowering Varieties—	
D 1 D1 1 1	Pkt.
Dark Blood-red81230	10
Feltham Early. Large; brown-red; fine. 81250	10
Golden King. Very large, golden yellow flower	10
Ruby Gem. Very rich ruby color81280	10
Vesuvius. New. Orange, scarlet and bronze	15
Fine Mixed. Very showy mixture81320	10
Double-flowering Varieties— Double, Tall Branching, Mixed. 2 ft.81370	15
Annual, Mixed. This annual or extra-early flowering strain, if started early in heat, will bloom the same season. I to 1½ ft. 81340	10



Mammoth Flowered Zinnia



Wallflower

ZINNIA

(Youth and Old Age.) Easily grown from seed and bloom abundantly and continuously. Sow the seed of this hardy annual in the open ground early in spring. From July until the first hard frost Zinnias are incomparably bright; the plants grow a foot or more in height with large, double flowers. Fine for beds and borders.

NEW VARIETIES OF ZINNIAS—

Dahlia-flowered. New. Very fine mixture. 81665 15 Double Giant Picotee, Golden Pheasant. Deep gold ground, with tips maroon. 81668 15

TALL MAMMOTH FLOWERING DOUBLE. distinct and splendid class, producing extra-large double blooms. 21/2 ft.

	Pkt.
Crimson. \(\frac{1}{4} \) oz. 50c	15
Flesh-color. 1/4 oz. 50c	15
Orange. 1/4 oz. 50c	15
Salmon-pink. New. 1/4 oz. 50c81694	15

ZINNIA-Continued

TALL DOUBLE-Continued

	Pkt.
Scarlet. 1/4 oz. 50c	15
Sulphur-yellow. ¼ oz. 50c81700	15
Purple. 1/4 oz. 50c	15
White. 1/4 oz. 50c	15
Mixed. 1/4 oz. 25c81730	10
Collection of six varieties81740	75
Curled and Crested, Mixed81900	10

DWARF DOUBLE. More compact and of neater habit than the tall varieties. 15 in.

	Pkt.
Bright Scarlet. 1/4 oz. 40c81940	10
Crimson. 1/4 oz. 40c81950	10
Salmon. 1/4 oz. 40c81970	10
Flesh-pink. 1/4 oz. 40c	10
White "Snowball." 1/4 oz. 4oc81980	10
Golden Yellow. 1/4 oz. 40c81990	10
Mixed. 1/4 oz. 25c82020	10
Mixed Pompon82090	10
Haageana, Double Mixed. 11/2 ft 82110	15

ORNAMENTAL GRASSES

The Ornamental Grasses are very attractive to use in mixed flower-beds or borders, and for grouping by themselves give fine effects. Many of them, if cut before they are entirely ripe, will be found very useful, when dried, in the formation of winter bouquets, in connection with the "Everlastings."

	Pkt.
*ARUNDO Donax (Great Reed). hP. Well adapted for large clumps; stately and or-	
namental. 10 ft82650	10
foliis variegatis. Green leaves, striped with	
white82660	10
COIX Lacrymae (Job's Tears). hA. Seed	
resembles a tear-drop; fine for massing. 2 to 3 ft	10
	10
†*ERIANTHUS Ravennae (Plume Grass). hP. Very stately, fine, silvery plumes, splendid in lawn groups. Resembles closely the	
Pampas Grass. 6 to 8 ft83010	10
*EULALIA. hP. Among the most beautiful the tall-growing Grasses. 4 to 6 ft.	of
japonica. Long, dark green leaves; fine	
for groups83030	10

- *Eulalia japonica zerbina (Zebra Grass). The dark green leaves are barred with creamy white; variegations run across foliage.83040 10
- *GYNERIUM (Pampas Grass). hhP. Noblest of the tall-growing, ornamental Grasses. Bears magnificent plumes; needs protection in winter. 4 to 6 ft.
 - argenteum. Silvery white plumes..83160 10
 "roseum. Rose-colored plumes.
 83170 10

JOB'S TEARS. See Coix Lacryma.

ZEA japonica, striped, Improved.....83560 10
" japonica gigantea quadricolor...83570 10
Collection of 10 varieties of Ornamental

Grasses83590

EVERLASTING FLOWERS

These bring cheer to the home during the winter months when flowers are scarce. Cut before fully expanded, bunch and hang in warm, dark, dry, airy place. They will dry thoroughly in 10 days. Full descriptions of the following will be found in the body of the catalog.

	Pkt.
roseum. Rose55430	10
" Mixed55470	IO
" Double Rose55490	10
" Double Mixed55530	IO
HELICHRYSUM (Eternal Flowers). monstrosum, Double Large-flowered—	
" Double Mixed66340	10
" Dwarf Double Mixed.66350	10
" Silver Globe66332	10
" Crimson66334	10
" · Golden Globe66336	10
" Fire Ball Red66338	10
GOMPHRENA (Globe Amaranth). globosa rubra. Purplish red. 1/4 oz. 30c.	
65750 " alba White 1/4 oz 200 65760	

carnea. Flesh-pink. 1/4 oz. 30c.

ACROCLINIUM.

RHODANTHE.

KIIODANIII		Pkt.
maculata.	Rose, with dark center 76570	10
"	alba. Pure white76580	10
"	Mixed76590	10
Manglesii.	Rose; very fine76600	10

STATICE (Sea Lavender).

sinuata.	hA.	Blue;	very	fine	78	640	10
"	candi	dissim	a. h	A.	White;	fine	
	for	edgin	g		78	650	10

XERANTHEMUM. One of the oldest and prettiest of the Everlasting flowers, and in winter bouquets retain their color and form for years.

1½ to 2 ft.

Pkt.

Mixed81600 10

10

65770

Per

CALLAS

ELLIOTTIANA. Yellow-spotted-leaved. Large, beautiful yellow. Dark foliage. Prettily spotted	\$0.50	
LARGE WHITE TRUMPET CALLA. The best known and popular	-20	2.50

CALADIUM (Elephant's Ear)

Probably the most effective foliage plant we have. For planting around base of porches and in beds it cannot be excelled.

Large Bulbs	.25	2.50
Extra Large Bulbs	.40	4.00

TUBEROSES

Per Each doz. Per 100

One of the most frag	grant of
the summer-flowering	
May be started in ho	
pots for early flowe	
in the open groun	
May 1.	

EXCELSIOR DOUBLE PEARL. \$0.12 \$1.00 \$6.25



Lily of the Valley



Callas

HYACINTHUS CANDICANS. CAPE HYACINTH

	Each	doz.	100
A snow-white summer-flowering			
hyacinth growing 3 to 5 feet			
in height, gracefully sur-			
mounted with twenty to thirty			
pure white, bell-shaped flow-			
ers	.15	1.25	8.00

TRITOMA

RED HOT POKER PLANT.

.25 2.50 20.00

Per Per

LILY OF THE VALLEY

	Each		Per 100
Extra Strong Clumps for outside planting	\$0.50	\$5.50	\$45.00
Single Plants (Pips)	.ıc	1.00	8.00

CANNAS

Not less than 5 of a kind at 10 rate, 25 at 100 rate.



Cannas do well in almost any kind of soil, but they well repay liberal treatment. For the best results they should be planted in good loam that has been well mixed with an abundant supply of well-rotted stable manure or Bone Meal. The beds should be spaded 2 feet deep or more, and the soil well pulverized. Water should be applied abundantly at all times, but good drainage is essential.

Cannas are most effective when planted in masses, either alone or in combination with Salvia (scarlet sage), and bordered with Coleus or other dwarf-growing bedding plants. They are also frequently used with some of the tall-growing ornamental grasses, with which striking combinations can often be secured. They do best in sunny situations, and should be set out about 2 feet apart each way.

All of the following are Dormant Roots

GREEN-FOLIAGED CANNAS

Pink Shades

Each doz. CITY OF PORTLAND. Height, 4 ft. Beautiful deep pink;

strong grower and free-

\$0.30 \$2.50 \$20.00 bloomer ..

VENUS. Height, 4 ft. One of the prettiest cannas in existence. Flowers gay rosy pink, with well-defined border of creamy yellow..... \$0.20 \$2.00 \$15.00

Each doz.

Red Shades

LOUISIANA. Height, 6 ft. A bright crimson scarlet of the Orchid-flowering type, with large spikes of bloom. Very showy in beds as a center for lower growers.....

.20 2.00 15.00

WINTZER'S COLOSSAL. Height, 5 ft. Largest flowers of all cannas, producing im-mense bright scarlet flowers often 8 inches in diameter. Strong grower and abundant bloomer

.25 2.25 18.00

Yellow Shades

YELLOW KING HUMBERT. Height, 4½ ft. Flowers yel-

low with orange spots. As this is a sport of the Bronzeleaved King Humbert, it sometimes partly reverts to that type, resulting in very pleasing foliage effects.....

.20 2.00 15.00

RICHARD WALLACE. Height, 4 ft. Pure canary yellow. One of the very best bedders. Graceful in habit and in bloom

.30 2.50 20.00

White Shades

EUREKA. The best white. Flowers freely entire season. Foliage bright glossy green..

.30 2.50 20.00

BRONZE-FOLIAGED CANNAS

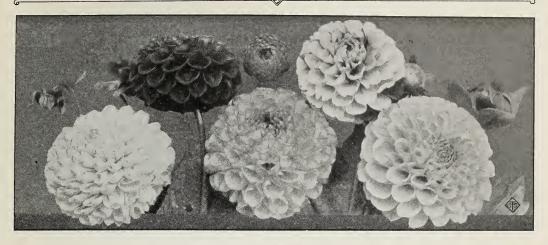
KING HUMBERT. Height, 4 ft. The most popular of all. Bears gigantic trusses of orange scarlet flowers streaked with crimson. A massive and stately grower. By far the best bronze.....

.20 2.00 15.00

WYOMING. Fine for center of beds. Mas-

.20 2.00 15.00

PRICES ON CANNAS INCLUDE DELIVERY ANYWHERE IN THE U.S.



DAHLIAS

FREE DELIVERY ANYWHERE IN THE UNITED STATES

HOW TO GROW DAHLIAS

First, do not plant too early, never before May 1 and much later if possible all the way up to July 15 in the vicinity of New York, and up to August 1 further south. In planting lay the tuber on its side about 6 inches from the surface.

Give the plants plenty of room, placing them 4 feet apart each way.

Do not fertilize too heavily. It encourages wood growth at the expense of blooms. A little well-rotted stable manure worked into the soil a month before planting is sufficient and a light feeding of Thorburn's Complete Manure when buds are developing.

A light soil is to be preferred to a heavy one.

If plants grow too luxuriantly and produce few blooms, cut them back within I foot from the ground.

Dahlia blooms will keep longer if they are cut early in the morning (this applies to all flowers) and the stems immediately plunged into warm water and left until water cools, after which place in cold water to which a little salt has been added.

CACTUS TYPE	Foot	Per doz.	SUCCESS. Clear yellow with long	Each	Per doz.
LAWINE. Large white; lightly suffused with pink; long stems. A great favorite both for garden and cutting		\$2.50	petals. Early and continuous bloomer. Ideal for garden culture	\$0.30	\$2.50
KALIF. Gigantic flower. Rich scarlet; stems very long and stiff. One of the best for cutting. Very beautiful by lamp light	.50	5.00	with gold. Very large flower; strong grower; stems long and graceful. J. B. BRIANT. Very large. Fine	.30	2.50
GOLDEN WEST. Rich golden, bronze-yellow with scarlet shad- ing at base of petals. Flower 6 to 8 inches in diameter. A			for exhibition; long soft yellow petals	.30	3.00
grand variety	.50	5.00	DECORATIVE TY	PE	
KRIEMHILDE. Deep cerise pink tinting to light pink at center. The cut blooms keep a long time.	.30	2.50	D. M. MOORE. Very dark ma- roon. Seen from a distance, it appears almost black. One of the finest Dahlias grown; enor-		
MARJORIE CASTLETON. Con-			mous flowers	.30	2.50
sidered by many the best pink. Wondrously soft rosy pink tint- ing to light pink at center	.30	2.50	JACK ROSE. Brilliant crimson. A beautiful flower. A great favorite	.30	2.50
SEQUOIA. Large bronze fine form; long stems; strong grower	.30	2.50	LYNDHURST. Bright vermilion. The best red for cutting; con-		
STORMER. Deep rich cardinal red; perfect form	.30	2.50	tinuous bloomer; long, strong stems	.30	2.50

DAHLIAS—Continued

MINNIE McCULLOUGH. In a	Each	Per doz.	MME. FURTADO. White 30 2.50
class by itself; the combination of red and yellow is similar to			MRS. THOS. SHARP. Exquisitely beautiful in color and habit;
that seen on leaves in autumn.			rich golden orange; loose, but
Under lamp light, its beauty is greatly enhanced	\$0.30	\$2.50	regular form; dwarf in habit; a
PROGRESS. Large; mauve-striped	, , , , ,	•	heavy bloomer; fine for cutting30 2.50
and pencilled crimson	.30	2.50	CENTURY TYPE
SYLVIA. Deep pink tinting to	.30	2.50	Broad petalled, single-flowering types. We list
light pink at center JUMBO. Deep red; shaded ma-	.30	2.50	the one best variety of each color.
roon	.30	2.50	ECKFORD CENTURY. Immense
ALBERT MANDA. Very large;			pure white spotted pink; pen-
white, suffused primose and yel-	.30	2.50	cilled crimson; long, stiff stems, \$0.30 \$2.50
low	.30	2.50	EVELYN CENTURY. Very bright
SHOW TYPE			white; outer half of petals a bright violet cerise
A. D. LIVONI. The best pink			PINK CENTURY. Clear, soft
Show. No garden should be			pink shading to deep pink; long,
without it; quilled petals; per- fect form	.30	2.50	stiff stems
QUEEN VICTORIA. Rich golden		2.00	tinuous bloomer; fine red; ex-
yellow	.30	2.50	cellent for cutting
GUSSIE. Medium size; splendid			YELLOW CENTURY. A grand
shape; heavy bloomer; long stem; white with pink center.	.30	2.50	yellow of great size; perfect form
CAROL. Small; clear pink	.30	2.50	101111
DREER'S WHITE. Very large;			POM POM TYPE
pure white; quilled petals;	20	0.50	Small ball-like flowers of dwarf branching habit;
dwarf Crimson; shaded	.30	2.50	profuse and continuous bloomers.
plum; dwarf	.30	2.50	KLEIN DOMITEA. Bright golden
JOHN THORPE. Large rose-pink;			terra-cotta
very fine form	.30	2.50	ELFIN. This dainty little Dahlia
MARY PICKFORD. Large soft primrose edged with rose; free		2	is of a light primrose yellow30 2.50
bloomer and strong grower	.30	2.50	

SPECIAL OFFER

We will deliver free one each of twenty-five of the above Dahlias, our selection, but including Kalif and Golden West, for \$7.00. Such a collection as this will fill your garden to overflowing with beauty and joy.

THE AMERICAN NOBILITY

The BIG THREE in DAHLIADOM

We offer these three following giant Dahlias at 60c. each, or, \$1.50 for the collection delivered free anywhere in the United States.

OUR
SPECIAL
DAHLIA
COLLECTION

YELLOW KING—One of the largest of all Cactus Dahlias; of gigantic size, color light yellow tinting to cream at tips. The immense flowers are borne on long stiff, but slender stems. A strong grower and free and continuous bloomer.

RED DUKE—Very large Show Dahlia, rich dazzling red, splendid form with quilled petals.

QUEEN MARY—A grand *Decorative* large flower with full and high center of clear silvery cerise pink of enormous size produced on long stiff stems, vigorous upright branching grower.

SEE
COLORED
PLATE
OPPOSITE



JAPAN IRIS

(Iris Kaempferi)

Japan Iris follow the German in their period of bloom. They should be planted in good, well-drained soil.

GRANDEUR-Very large double white.

MYRTLE-Reddish maroon.

CERULEA-Double fine rich blue.

ROYAL-Double violet, pink center.

ANTONIA-Very double, delightful shade

of lavender.

EDNA-Double, beautiful pale blue.

DELIGHT-Double, white with red edges.

CATHERINE-Single, pure white.

HAPPY-Single, dark rich maroon.

FLORENCE—Single, deep violet, purple center.

All the above-named Varieties 40c. each; \$3.75 per dozen; \$30.00 per 100, delivered anywhere in the United States.

THORBURN'S IMPERIAL Japan Iris Mixed. Some years ago one of our customers received a special importation from Japan of an exceptional fine named collection of Iris. The flowers are wonderfully beautiful, both double and single, and very large. We offer them mixed at 40c. each; \$3.75 per dozen; \$30.00 per 100, delivered anywhere in the United States.

GERMAN IRIS

(Iris Germanica)

The French National Flower. These dainty flowers will grow and multiply in any dry soil and are equally at home in the formal garden, perennial border, shrubbery or as individual specimens. The following varieties have been selected with an idea of covering the entire range of colors. All 25c. each, \$2.50 per dozen, \$18.00 per 100; delivered free in the United States.

Admiral Togo. White, faintly tinged lavender; falls and standards lightly bordered purple. Extra-fine clear color.

Brooklyn. Standards lavender, yellow at base; falls pale blue; base veined brown on a white ground, edged yellow, splashed with dark blue; beautiful.

Flavescens. Self-color, canary-yellow.

Florentina alba. An excellent variety for cutting and an early bloomer. Flowers ivory-white tinged with lilac. The orris-root variety of commerce.

Florentina, Blue. Tall and vigorous; deep dark blue.

Gracchus. Standards clear yellow; falls marked

red, reticulated white. A very conspicuous variety.

Honorabilis. S. intense yellow; F. a beautiful bronze.

Mme. Chereau. Pure white, edged with azureblue; falls deep white with blue penciling.

Pallida dalmatica. New giant type; magnificent blossoms; color pure sky-blue.

Queen of May. This is a very satisfactory variety and well adapted everywhere. It is soft, rosy lilac, almost pink. A color rare among Irises.

Queen Victoria. S. yellow, sometimes tinted brown; F. crimson, striped and yellow. Yellow edge.

Roi des Belges. S. light shaded olive; F. blue, veined purple, edges fading lighter.

SIBERIAN IRIS

(Iris Siberica)

Admirably suited for mass planting, 2 to 3 feet tall; do well in wet ground and along streams; will hold their own against rank growing grass and soon become part of the flora of the country.

SIBERICA ALBA—White.
SIBERICA PURPUREA—Purple.

SIBERICA BLUE KING—Blue.
All 35c. each; \$3.50 per dozen; \$25.00 per 100.

FUNKIA VARIEGATA

(Variegated Day Lily)

This pretty, popular little perennial is much in demand as a border plant. Its bright yellow and white marginated leaves create a most pleasing effect. 20c. each; \$2.00 per dozen; \$15.00 per 100. Shipped prepaid anywhere in the United States.



Japan Iris 99

GLADIOLI

All extra-selected, large corms, no second size Gladioli are very easily grown. Any good soil suits them. Plant the corms (as soon as all danger from frost is past) about 3 inches deep and 7 or

8 inches apart. By planting at intervals up to July 1, these fine flowers can be had in bloom all through the summer and fall, the later flowers being the best. About the end of October, when the leaves begin to wither, the corms should be taken up, dried in the open air, and then stored in a dry place, free from frost, for planting next spring.

YELLOW SHADES

NIAGARA. Wonderfully large flowers. Soft yellow shading	Each	Per doz.	
into bright lemon, slightly tipped with rose. Tall, strong, well-filled spikes	\$0.10	\$1.10	\$9.00
center. Medium height; flow- ers large	.12	1.25	10.00

sulphur vellow. Considered

by many the best yellow	.20	2.00	15.00
PINK SHADE	ES		
AMERICA. A beautiful flesh- pink, tinged with lavender. Vigorous, with large spread- ing blossoms on spikes 2 to 3			
feet long	.10	·75	6.00
GRETCHEN ZANG. Rose-pink shading to scarlet. Flowers			
large	.18	2.00	15.00
HALLEY. Delicate salmon- pink; creamy spot; bright red			
stripe. Very early bloomer	.10	.80	6.00
MRS. FRANCIS KING. Beautiful pink, striped with vermilion; spikes tall; flowers			
well placed	.IO	·75	6. o o
MRS. FRANK PENDLETON. Great massive flowers of vivid pink. Deep dark red			
splash at throat	.15	1.50	10.00
of the newer varieties. Del-			
icate pink; exceptionally fine.	.25	2.00	18.00
PANAMA. Really a deep pink; seen from a distance color			
appears rose	.15	1.25	9.00

RED SHADES PRINCEPS. Of medium height:

beautiful crimson scarlet,			
with white splash on lower			
petals	.15	1.50	12.0
WAR. One of the tallest, larg-			
est, finest Gladioli. Oxblood-			
red shading almost to black;			
immense flowers	.15	1.50	12.0

MRS. WATT. American Beauty red. Exceptionally fine..... .15 1.50 10.00

WHITE SHADES

GLORY	OF H	OLLAND.	White			
tinted	with	rose		.15	1.50	10.00

PEACE. White interior petals Each doz. delicately feathered with lilac. Small rosy spot on lower

\$0.15 \$1.50 \$11.00

of growth as America, of which it is a seedling. White with small blue spot on throat.

.20 2.00 15.00

BLUE SHADES

BARON HULOT (Lemoine). Without a doubt the finest blue Gladiolus. It is a rich, deep shade of violet blue....

.15 1.50 12.00

PRIMULINUS VARIETY

ALICE TIPLADY. Orange salmon deepening to golden at throat; flowers especially large; the best of its kind... especially

.30 3.00 22.50

THORBURN'S EXTRA-FINE MIXED **HYBRIDS**

Containing only finest named sorts in a wide range of colors and markings. 60c. per doz; \$4.50 per 100; \$40.00 per 1000.



Gladioli, America

PRICES ON THIS PAGE INCLUDE DELIVERY ANYWHERE IN THE U.S.

FERTILIZERS

PRICES NET F.O.B. NEW YORK, SUBJECT TO CHANGE WITHOUT NOTICE

THORBURN'S COMPLETE MANURE

	he three principal plant foods, Ammonia (Nitrogen), Phosphoric
Acid and Potash. An ideal plant for	ood for the Vegetable and Flower Garden. If used for this pur-
pose, it should not be broadcasted, b	ut placed in the hills, furrows or drills and mixed with the soil.
10 lbs\$0.75	50 lbs\$2.50 1000 lbs\$35.00
25 lbs 1.50 10	oo lbs 4.00 Ton 63.00

THORBURN'S FERTILIZER FOR GRASSES (Lawn Fertilizer)

Especially prepare						
Broadcast about	1500	lbs. to	the	acre,	100	lbs.
to a lot 25x100						
ro lbs	.\$0.75	100	lbs.		\$	4.00
25 lbs						
50 lbs	. 2.50	Ton			6	5.00

Ground Bone

Pure Ground Bone Meal No. 1. Finely	pulver-
ized; excellent for rose-culture. It dec	composes
very rapidly, and is more quickly effect	ive than
the coarser grades. It is excellent for	mixing
with the soil for potting.	
Too les	\$6.00

	lbs\$1.00		
25	lbs 2.00	1000	lbs50.00
50	lbs 3.50	Ton	90.00
50	120111111111111111111111111111111111111		, ,

Ground Bone No. 2. Rather coarser than the above; for top-dressing for lawns, and for garden and field crops.

10 lbs.......\$4.50

C I Barra in Contamo	
to the	Ton65.00
25 lbs 1.50	1000 lbs38.00
10 lbs\$0.75	100 lbs\$4.50

Ground Bone in Cartons. Convenient for small users and for house plants.
2-lb. Carton, 25c.; Prepaid, 4oc.

Coarse Ground Bone. Especially suited to grapes and all other vines, asparagus beds, and any other crop that requires a slow but constant feeding.

tee	ding.		
10	lbs\$1.00	100	lbs\$6.00
25	lbs 2.00	1000	lbs50.00
50	lbs 3.50	Ton	90.00

Hydrated Agricultural Lime

For vegetable and flower	garden, also lawns. Use
1 lb. to 20 sq. ft.	
5 lbs\$0.30	100 lbs\$2.50
10 lbs	500 lbs10.00
25 lbs 1.00	1000 lbs18.75
50 lbs 1.75	Ton30.00

Pulverized Limestone

A product that has an exceedingly wide sale among intelligent agriculturists, with the best of results. As a crop-producer, we hardly believe it has an equal. It is especially needed when sowing alfalfa on sour soil. It is made from the purest crystalline white limestone obtainable.

crystalline white limes	tone obtainable.
100 lbs\$1.50	1000 lbs\$10.00
soo lbs 6.00	Ton 18.00
COTCH COOT	C: 1: and fungicide

scotch soot. A fertilizer and rungicide and an excellent preventative and remedy for mildew, blight and spot. As a fertilizer it promotes growth and heightens color of both flower and foliage. Sold in original bags by freight only. 100-lb. bag, \$7.00.

THORBURN'S CONCENTRATED PLANT FOOD Especially prepared for pot plants and the flower

bord	er. Perfe	ctly odo	rless;	a safe	and	most
	factory fer					
10 H	os	\$0.85	100	lbs		\$6.00
25 ll	os	. 2.00	1000	lbs		45.00
	os					
Cart	ons conta	ining 2	lbs. 25	c.; Prep	paid, 4	LOC.

		_		,		
		NE GRO				
		mical fer				
in	g growe	ers of ro	ses, ca	rnatio	ns, etc.	
5 lb	S	\$0.50	50	lbs		\$3.00
25 lb	s	1.75	100	lbs		5.75

Clay's Fertilizer

Imported. Excellent for greenhouse and pot plants. 28-lb. Bag.......\$4.00 | 56-lb. Bag......\$7.00

Pulverized Sheep Manure

A rich, pure, natural manure. Excellent as a topdressing for lawns. Its effect is immediate and lasting. Apply at the rate of 1500 lbs. to the acre. It makes a rich and safe liquid manure —1 lb. to 5 gallons of water.

	I ID. LO 5 gamons of	. Water	۱.
10	lbs\$0.65	100	lbs\$4.50
25	lbs 1.60	1000	lbs35.00
50	lbs 2.50	Ton	63.00

HORSE MANURE—Carlots. Prices on request.

Humus

One of the very best top-dressings for lawns, putting greens, tennis courts, etc., or for renewing thin or impoverished top soil. I cubic yard of Humus will cover 144 square yards with a 4-inch covering.

74 Herrich (1974) 1000 lbs ... \$13.00 loo lbs ... \$2.00 | Ton ... 25.00

OYAMA PLANT FOOD A WONDERFUL JAPANESE DISCOVERY



MAKES PLANTS THRIVE

By using OYAMA on house plants it will keep them in bloom all winter and as green and luxuriant as if grown outdoors in the summer. IT WILL MAKE YOUR FLOWER AND VEGETABLE GARDEN WONDERFULLY PRODUCTIVE and the envy of your neighbors.

It makes no difference how healthy or delicate your plants may be, OYAMA WILL BRING OUT NEW FLOWERS AND FOLIAGE and cause a marvelous transformation.

Contains no bone, fish scraps or manure.

PRICE

Garden Size, makes 32 gallons.....\$1.25, 3 for \$3.00 House Plant Size, makes 6 gallons....40c., 3 for \$1.00

FERTILIZERS—Continued

Mulford Cultures

See page 42. For legume crops. Always specify on your order what crop you desire to inoculate, a different culture being used for each

Small Size.....\$0.35 | 1-Acre Size.....\$1.50 1/4-Acre Size.... .75 | 5-Acre Size..... 5.00

STIM-(U)-PLANT

STIM-U-PLANT. Tablets are packed in three sizes: Small size, 25c., containing 30 tablets; medium size, 75c., containing 100 tablets; large size, \$3.50, containing 1000 tablets.

FERTILIZER MATERIALS

phosphoric acid.	ixteen per cent available 1000 lbs\$20.00 Ton35.00
MURIATE OF POTASH 10 lbs\$1.10 25 lbs1.60	l. 50 lbs\$2.75 100 lbs5.25

NITRATE OF SODA.		
10 lbs\$1.25 25 lbs1.75	50 100	lbs\$3.00 lbs5.25
SULPHATE OF AMMO	NIA.	
10 lbs\$1.15 25 lbs 2.50	50	lbs\$4.00

POTTING MATERIALS

MOSS, SPHAGNUM. For filling orchid baskets, etc., and for mixing with potting soil to conserve moisture. In bales of about 30 lbs. 15c. per lb.

PEAT, ROTTED. Fine for mixing with soil for potted plants, such as azaleas, palms, etc. In sacks of about 100 lbs. \$4.00 per 100 lbs.

PEAT, ORCHID. For potting orchids, etc. In sacks of about 30 lbs. 10c. per lb.

POWDERED CHARCOAL. For mixing with soil for pot plants and vines. Powdered. Fine, medium, and coarse. Any grade per bag of— 50 lbs.....\$3.00 | 1000 lbs....\$40.00 100 lbs.....5.50 | Ton70.00

INSECTICIDES

ANT-DESTROYER. Will positively destroy ants.
1/4-lb. tins\$0.20 1-lb. tins\$0.70 1/2-lb. tins35 5-lb. tins2.75
$\frac{1}{2}$ -lb. tins 2.75
APHINE. Has no equal for the destruction of
green, black or white fly, thrips, red spider,
mealy bug, etc. Use one part to 40 of water.
Does not injure the most tender plants.
½ pt\$0.25 1 pt\$0.65
½ pt40 1 qt 1.00
ı gal 3.00
ARSENATE OF LEAD, PASTE. Adheres well to
foliage and does not readily wash off. It re-
mains well suspended in solution, insuring even distribution. It is white, and shows just where it
has been applied. It does not injure tender
foliage.
ı lb\$0.45 25 lbs\$6.50
5 lbs 2.00 50 lbs12.00
10 lbs 3.15 100 lbs21.00
ARSENATE OF LEAD, POWDER. One to 11/2
pounds to 50 gallons of water. 1 lb. 65c.
BORDEAUX MIXTURE, or FUNGIROID. For all
fungous diseases.
Dry—
r-lb. can\$0.50 5 lbs\$2.00 50 lbs
BORDEAUX PASTE.
ı lb\$0.40 5 lbs\$1.50
BORDEAUX ARSENATE LEAD, PASTE.
ı lb\$0.40 10 lbs\$3.00
5 lbs 1.75 25 lbs 6.50
50 lbs12.00

BLACK-LEAF 40. For spraying vegetables, fruits, and flowers to destroy sucking insects.
1-oz. bottle\$0.25 2-lb. tin\$3.25 ½-lb. tin 1.00 10-lb. can13.75
BOROWAX. For painting trees to destroy and keep away borers. 1 qt\$0.50 1 gal\$1.75
CALCIUM ARSENATE. Will destroy all chewing insects. Sure death to potato bugs. 1 lb\$0.45 5 lbs\$2.25 10 lbs
CUTWORM KILLER. Kills the worms; simple and easy to use; especially prepared for bringing young plants through the critical period. 1-lb. pkg\$1.50
DY-SECT. For destroying aphis, red spider, green fly, thrip, rose bugs, and other greenhouse and outdoor insects. Dilutes 1 part to 30 parts of water.
4-oz. bottle\$0.30 1 qt\$1.75 1 pt1.00 ½ gal3.25 1 gal6.00
FISH OIL SOAP (Good's Caustic). Used extensively as a tree spray and as a summer remedy for San José Scale; it comes in a soft soap form and is easily dissolved, r pound to 10 gallons water.

ı lb.....\$0.25 | 10 lbs.....\$2.00 5 lbs..... 1.10 | 25 lbs..... 4.00 100 lbs.....15.00

INSECTICIDES—Continued

EUNOINE D. '11
FUNGINE. For mildew, rust, and all other blights; does not stain foliage.
1 pt\$0.65 1 qt\$1.00
ı gal
HELLEBORE. Apply dry or mix in water—1
ounce to 3 gallons.
ı lb\$0.60 2 lbs\$1.10
HERBICIDE. The weed exterminator. Dilute
with from 20 to 40 parts of water
1/2 gal\$1.00 5 gals\$8.00 1 gal2.00 10 gals15.00
I gal 2.00 10 gals
LIME-SULPHUR SOLUTION, California Wash.
For San José scale. One gallon makes 15 by
adding water.
1 qt\$0.50 5 gals\$4.00 1 gal90 30 gals11.00
1 gal
I bbl. (50 gais)16.00
LIME-SULPHUR. Dry, B. T. S. Make your own
solution. One pound makes 4 gallons of spray.
ı lb\$0.40 5 lbs\$1.65
100 lbs18.00
MELROSINE. Death to rose-bugs and all other
minor insects and diseases that affect the rose.
Used in any spray-pump.
1-pt. can\$1.00 ½-gal. can\$3.25 1-qt. can 1.75 1-gal. can 6.00
NICO-FUME, LIQUID. For fumigating or spraying. Effective against green fly, mealy bug, etc.
ing. Effective against green fly, mealy bug, etc.
Does not stain or injure blooms, and leaves no
enconfuls to a gallon of water Lamps for each
1/4 lb\$0.75 4 lbs\$8.00
disagreeable odor. For spraying, one to two teaspoonfuls to a gallon of water. Lamps, 6oc. each. 1/4 lb
NICO-FUME TOBACCO PAPER. For fumigat-
ing. Does not injure blooms. In tins.
24 sheets\$1.35 144 sheets\$5.50
288 sheets
NIKOTEEN (Hall's). A highly concentrated nico-
tine solution for aphis and all insects that are
destroyed by a contact poison.
1/2 pt. \$1.00 1/2 gal \$7.50 1 pt. 2.00 1 gal 14.00
1 pt 2.00 1 gal14.00
PARIS GREEN. Mix at rate of r pound to 200
gallons of water. Effective against all chewing
insects.
1/4-lb. can\$0.25 1-lb. can\$0.75
½-lb. can40 5-lb. can 2.75
PYROX. The best and safest all-round spray for
all insects, blights and fungus troubles. Kills
potato bugs. Sticks like paint.
ı lb\$0.45 25 lbs\$7.50
5 lbs
10 lbs
SCALECIDE. For San José scale. Petroleum oil
that mixes at once with cold water and stays
mixed. No hot water necessary. Add 1 gallon for every 15 to 20 gallons of water.
i qt\$0.70 5 gals\$7.00
1 gal 1.75 10 gals
SLUG-SHOT, Hammond's. Excellent for destroy-
ing cabbage, turnip and beet flies, potato bugs,
currant worms, etc.
ı lb\$0.20 10 lbs\$1.25
5 lbs

STANDARD TREE BANDS. Protects trees and large shrubbery against all climbing worms, caterpillars, moths and insects. This is the most effective and practical method of banding trees yet devised—also the cheapest. Has the endorsement of foresters and fruit growers everywhere. 25-ft. roll\$1.75 100-ft. roll\$6.75
SULCO F. B. A contact insecticide and fungicide
of unusual merit, for spraying deciduous, fruit and ornamental trees and shrubs, rhododendrons, etc.; for San José scale, oyster shell and pine scale.
1 qt. \$0.60 10 gals. \$12.50 1 gal. 1.75 30 gals. 25.50 5 gals. 7.00 50 gals. 37.50
for spraying. A scientific preparation for the destruction of insect pests of all kinds. Is non-poisonous and harmless to all but insect life. It can be sprayed on crops, fruit, flowers or grass without causing them the slightest harm. Full directions are printed on the tins. 1-pt. tin\$0.85 1-gal. tin\$4.50 1-qt. tin\$4.50 1-qt. tin\$4.50
SULPHUR, POWDERED. Valuable for protecting against mildew on grapes, roses, etc. 1 b
TOPACCO DUST
TOBACCO DUST—
Regular Kind. Highest grade for dusting.
1 lb. \$0.15 10 lbs. \$1.00 5 lbs. .60 100 lbs. 5.00
TOBACCO STEMS. For fumigating. In bales of about 75 pounds, at \$3.00 per 100 pounds.
TREE TANGLEFOOT. A sticky substance ap-
plied directly to the bark to protect trees against climbing insects pests. One application remains sticky, fully exposed to weather, three months. One pound will make a band 7 to 8 feet long and about 6 inches wide.
1-lb. tin \$0.50 10-lb. tin \$4.50 5-lb. tin 2.40 20-lb. tin 8.50
VERMINE. A soil sterilizer and germicide for
all soil vermin, such as cut, eel, wire and grub worms, slugs, maggots, ants, etc. 1/4 pt\$0.25 1 pt\$0.65
1/4 pt\$0.25 1 pt\$0.65
½ pt40 I qt 1.00
r gal

WILSON'S O. K. PLANT SPRAY. A powerful



and efficient insecticide. It is used by the leading gardeners throughout the country with uniformly satisfactory results. It is unsurpassed for evergreens that are affected with red spider or other insects, and as a general summer spray is excellent.

I	qt	\$1.00	5	galsgals	10.00
I	gal. in case	3.00 2	25	gals	50.00

IMPLEMENTS AND GARDEN SUPPLIES

All Net Cash, Subject to Change in Prices.

POSTAGE, EXPRESS OR FREIGHT CHARGES TO BE PAID BY PURCHASER

Garden Hose | Tying Materials, Etc. | Fibre Ware Vases.

Garden Hose	
Thorburn Standard—3/4 inch.	R
Thorburn Standard—¾ inch. X, 6-ply, 23c. per ft. XXX, 7-ply, moulded, unkinkable, the very best grade,	s
25c. per ft. We supply the best grade of Hose obtainable. Prices in-	S
of Hose obtainable. Prices in- clude all connections. In 25- or 50-ft. lengths.	2
Hose Menders, Cooper's. Brass; will not rust or wear.	
No fastening required. 3/4 in. and 1/2 in. \$1.20 doz.	7
Hose Washers. 1/2 in. and 3/4 inlb. \$2.00	
Canes and Plant Supports	
Bamboo Canes. Genuine Chi-	
nese; strong; heavy.	
No. Diam. 100 1,000 1 48 in. x ½ in. \$4.00 \$35.00 2 6 ft. x ¾ in. 6.50 60.00 3 8 ft. x ½ in. 6.00 55.00 Extra-heavy Bamboo Poles, 6½ ft. x 1¼ in. to 1½ in. diam.	
2 6 ft. x 3/4 in. 6.50 60.00	
3 8 ft. x ½ in. 6.00 55.00	
Extra-heavy Bamboo Poles, 61/2	
ft. x $1\frac{1}{4}$ in. to $1\frac{1}{2}$ in. diam.	7
\$40.00 DEL 100	
Bamboo Canes, Japanese. Nat- ural. Thin and light.	
2 11	F
4 ft	r
5 ft 3.00 25.00	
6 to 9 ft. (Tips) 3.75 32.50	
4 ft	
green. 3 ft\$2.50 \$20.00	
4 ft 3.50 30.00	
4 ft 3.50 30.00 5 ft 4.50 40.00	
Carnation Supports. Galvan-	
ized wire. 100	
2 rings\$8.50	E
3 rings10.50	
Dahlia Poles, Square. Extra heavy.	
4 ft\$13.50	
5 ft	S
6 ft 22.50	
Dahlia Poles, Round. Painted green. Very strong.	
Doz. 100 4 ft\$2.00 \$15.00	
5 ft	F
5 ft	
Plant Stakes. Round, painted	
green. 100	
2 ft\$4.00	
3 ft	
4 ft	
3	

Raffia, White. Long and broad. Lb., 45c.; 5 lbs., \$2.00. Green. Lb., \$1.25; 5 lbs., \$7.00.
Sisal Cord. Extra-strong twine
for baling, etc. 5-lb. balls, \$3.75
Silkaline. For stringing smilax,
etc. 2-oz. spools FFF Coarse 8 \$3.00
FFF Coarse 8 \$3.00 FF Medium 8 3.00
F Fine 8 3.00
Twine. Heavy and light parcel-
Twine. Heavy and light parcelling. 45c. per ball. On reels, Italian Hemp. (About 10 lbs.
to the reel.) Reel No. 12, Fine
No. 24, Medium 10.00
No. 36, Medium 10.00
No. 60, Heavy 9.75
Soft Jute. For vines, 3- and
5-ply. Ball, 40c. Tarred. Excellent for raspber-
ries, etc. Lb., 65c.
Tarred Marline. Heavy.
ς τοι σαιί, φιίσο
Flower Pots, Etc.
Flower Pots. Sizes, height and
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Width, inside. 100 1.000 1
width, inside. 100 1,000 3-in\$2.50 \$22.00
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Fibre	Ware	Vas	es. Fo	r cut-
	ers; v			
	De	epth	Diam.	Doz.
No.	0 13	in.	8 in.	\$24.00
No.	2 9	in.	4½ in.	17.50
No.	3 6	1/2 in.	4 in.	15.75
No.	00 21	in.	6½ in.	70.00
	11 18			27.00
No.	33 12	in.	4 in.	21.00
	Ware		are	
5-11	n\$	6.50	6-in	\$7.00
7-i	n	7.25		8.00
9-i	n	8.50		9.00
12-i	nr	0.00		12.00
		7 7		

Labels, Etc.

Labels, Wooden, Pot and	Gar-
den.	
Painted 100	1,000
4-in\$0.40	\$2.00
4½-in	2.25
5-in	2.50
6-in	3.00
8-in 1.25	8.00
10-in 1.50	11.00
12-in 2.25	14.75
Copper Wired.	
3½-in	3.25
Simplex Weatherproof G	arden
Labels. No. 2, 4 x 3/4 in.,	\$4.00
per 100; No. 3, 5 x 1 in.,	\$6.00

per 100.

Simplex Garden Labels. No. 10, 23/4 x 11/2 in., 18 in. high, \$3.00 per doz.; No. 11, 3 x 2 in., 18 in. high, \$3.50 per doz.

Pencils, Indelible. For marking labels. 20c. each.

Miscellaneous

Mats, Frost-Proof, Burlap.
Waterproof duck one side.
Each Doz.
40 x 76 in\$4.00 \$40.00
76 x 76 in 5.50 60.00
Melon Nets. Imported.
\$20.00 per 100
Sash, Hotbed. Cypress wood,
glazed and painted.
\$9.00 each; \$100.00 per dor.
Ball Lightning Celery Bleachers.
Used for bleaching celery with-
out banking up with earth or
boards. Great labor-saver.
100 1,000
6 x 12 in\$3.20 \$28.00
6½ x 13 in 3.70 32.50
7 Y 14 in 4 TO 47 OC
7 x 14 in 4.10 37.00
Brass Celery Handlers.
\$4.50 each; Tin, \$1.75 each.
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This List is Abbreviated—Implement and Garden Supply Catalog Ready March 15th Free on Request

IMPLEMENTS AND GARDEN SUPPLIES—Continued

Garden Barrows

With Wood and Steel Wheels, Nicely Painted Green, Red or Natural Finish



No. 2—21 in. long, 15½ in. at wheel, 18 in. at handle	\$7.15
No. 3—24 in. long, 16 in. at wheel, 20 in. at handle	7.75
No. 4—26½ in. long, 18½ in. at wheel, 23 in. at handle	8.15
No. 5—28 in. long, 20 in. at wheel, 24 in. at handle	8.65

Thermometers

Oxidized Metal Scale, Polished Back. A thermometer for house use, durable and well made. Tube magnifies and is easy to read. 10-in\$1.00 12-in\$1.25
Self-registering, Polished Back. For indoor use; will register extremes of heat and cold; made of hardwood. A magnet is used to draw back the indicating points.
8-in\$5.50 10-in\$6.50 12-in
Japanned Tin Case. A cheap thermometer for greenhouse use; all metal. 8-in\$1.40 10-in\$1.60
Hotbed and Mushroom Bed. Brass-tipped point incloses the temperature bulb; it is simply thrust into the soil or bed. Best grade (made of boxwood)\$2.25 Made of ordinary wood

THIS LIST OF IMPLEMENTS AND GARDEN SUPPLIES IS VERY MUCH ABBREVIATED BUT WE CARRY A FULL LINE OF GARDEN REQUISITES INCLUDING

Rakes, Trowels, Weeders, Forks, Hoes, Shovels, Spades, Dibbles, Scythes, Mole Traps, Tubs, Rollers, Shears, Knives, Seeders, Watering Cans, Pruners, Pruning Saws, Syringes, Hand and Power Sprayers, Lawn Sprinklers, Garden Arbors, etc., etc.

ALL AT LOWEST PRICES IN THE TRADE

OUR SPECIAL IMPLEMENT AND GARDEN SUPPLY CATALOG IS ISSUED about March 15 and will be mailed free to anyone interested, on request.

"Planet Jr." Farm and Garden Tools

"PLANET JR." NO. 16—SINGLE-WHEEL HOE, CULTIVATOR, RAKE and PLOW

This Single-wheel Hoe has a very full set of tools, several of them being of new design, such as have been found to work in the very best manner. It has 11-inch wheel, with broad face; is very light, strong and easy running. It has adjustable handles and quick-change frame.

Equipment: Two 6-inch Hoes, 3 Cultivator Teeth, 1 7-inch Rake, 1 4-inch Rake, 1 Large Garden Plow, 1 Leaf Guard. Weight, 27 lbs. Price, \$10.75.

"PLANET JR." NO. 17—SINGLE-WHEEL HOE

This Wheel Hoe is equipped with 2 6-inch Hoes, 3 Steel Cultivator Teeth, r Leaf Lifter. Weight, 22 lbs. Price, \$9.00.

"Planet Jr." No. 3-Hill and Drill Seeder. Efficient hill-dropping outfit. Complete. . \$21.00

"Planet Jr." No. 4-Seeder, Wheel Hoe, Cultivator and Plow. Complete 21.50 No. 4D. As a seeder only..... 17.00

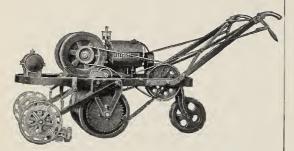
Planet Jr. No. 11—Double-wheel Hoe,	
Cultivator and Plow. Invaluable for use	Φ -
on all small crops	\$16.75
"Planet Jr." No. 12-Double-wheel Hoe,	
Cultivator and Plow. Identical with No.	
11, except fewer attachments	13.00
"Planet Jr." No. 13-Double-wheel Hoe.	
Same as No. 12, but Hoe only	9.25
"Planet Jr." No. 18-Single-wheel Hoe.	
Equipped with Hoes only	7.00
"Planet Jr." No. 25-Combined Hill and	•
Drill Seeder, Double-wheel Hoe, Culti-	
vator and Plow. Large enough for field	
use	26.00
"Planet Jr." No. 31-Combined Drill	
Seeder and Single-wheel Hoe. Complete	14.50
No. 31D. As a drill seeder only	
"Planet Jr." No. 33—Single-wheel Hoe	,-
	7 00
(without seeder)	7.00
"PLANET JR " FIRE-FLY PLOW	

A very useful tool in the small garden and chicken-runs; throws a furrow 4 to 6 inches wide and 1 to 3 inches deep. Price, \$4.75.

LAWN MOWERS

IDEAL POWER LAWN MOWERS

Ideal Model 30



Width of cut, 30 inches. Cuts 5 to 7 acres per day. A sturdy, compact, fool-proof outfit, suitable for medium and large areas of grass. Can be equipped with riding trailer. Does the work of 5 hand mowers.

Ideals are equipped with an efficient gasoline motor.

PRICE—With one cutting mower	\$385.00
Extra for riding trailer	20.00
Extra for one additional cutting	
unit	50.00
Extra for 22-in. putting green unit	55.00
Net Weight 610 lbs.; Shipping weight 800	lbs.

Ideal Junior



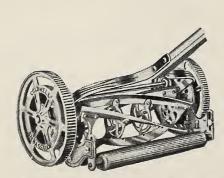
Width of cut, 22 inches. Cuts 3 to 5 acres per day. Especially designed for small and medium-sized lawns. Extremely simple—man or boy can operate. Can cut in close quarters, around flower-beds, shrubbery, etc.

Used largely by cemeteries. Rolls as it cuts.

Special cutting unit furnished for putting greens.

Net weight 350 lbs.; Shipping weight 500 lbs.

COLDWELL LAWN MOWERS

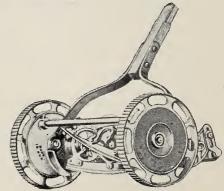


AMBASSADOR (Ball Bearing)

Blades-Five, crucible steel.

Gears—Enclosed and protected from dirt. A highgrade light weight 10-inch wheel, ball bearing mower.

PRICE	14-in	\$22.00
	16-in	23.50
	18-in	25,00



NEWPORT (Plain Bearing)

Blades-Four, crucible steel.

Bearings—Parallel, finest split bronze. Adjustable. The best machine of its kind. A durable and satisfactory mower with 9-inch wheel.

	•	
PRICE	14-in	\$15.75
	16-in	16.50
	18-in	17.25

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